

**Editor Report for  
Import of OBO File:  
/net/homehost/export/home/mwicks/ma-  
day/workspace/Anatomy/Database/Versions/Version006/ConvertFromVersion0  
04/OBOFiles/Version004\_Changes\_2\_30-07-2009.obo**

<i>Components Checked Status</i>	<i><b>Failed*</b></i>	<i><b>Passed**</b></i>	<i><b>Total</b></i>
<b>All Components</b>	<b>0</b>	<b>5200</b>	<b>5200</b>
<b>New</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Modified</b>	<b>0</b>	<b>879</b>	<b>879</b>
<b>Deleted</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Unchanged</b>	<b>0</b>	<b>4287</b>	<b>4287</b>

*\*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:* 0

## MODIFIED COMPONENTS

*Total Modified Components: 879*

1. EMAPA:30627 - scrotal fold surface epithelium of male
2. EMAPA:29907 - epithelial layer of rest of oviduct
3. EMAPA:30624 - scrotal fold mesenchyme of male
4. EMAPA:16368 - nephric cord
5. EMAPA:16369 - presumptive nephric duct
6. EMAPA:29905 - rest of oviduct
7. EMAPA:29903 - serosa of infundibulum
8. EMAPA:29122 - coelomic vessel
9. EMAPA:30636 - prepuce mesenchyme of male
10. EMAPA:30638 - prepuce surface epithelium of male
11. EMAPA:30632 - glans surface epithelium of male
12. EMAPA:30634 - prepuce of male
13. EMAPA:30630 - glans mesenchyme of male
14. EMAPA:29138 - mesonephros of male
15. EMAPA:28003 - early proximal tubule
16. EMAPA:29130 - interstitial vessel
17. EMAPA:27678 - renal vesicle
18. EMAPA:29929 - epithelial layer of cervix uteri
19. EMAPA:29927 - cervix uteri
20. EMAPA:29925 - adventitia
21. EMAPA:29923 - myometrium
22. EMAPA:31296 - resident macrophages of the cortex
23. EMAPA:29921 - rest of endometrium
24. EMAPA:27684 - upper limb of comma-shaped body
25. EMAPA:27681 - comma-shaped body
26. EMAPA:29917 - endometrium
27. EMAPA:29919 - uterine gland
28. EMAPA:27687 - lower limb of comma-shaped body
29. EMAPA:29913 - serosa of rest of oviduct
30. EMAPA:29915 - uterus
31. EMAPA:29106 - Sertoli cell
32. EMAPA:29114 - developing vasculature of the testis
33. EMAPA:16367 - genitourinary system
34. EMAPA:29110 - peritubular myoid cell
35. EMAPA:27697 - ureteric trunk
36. EMAPA:27694 - ureteric tip
37. EMAPA:27690 - renal interstitium
38. EMAPA:30664 - mesenchyme of crus penis
39. EMAPA:29945 - adventitia of upper part of vagina
40. EMAPA:31276 - rest of renal interstitium
41. EMAPA:31273 - resident macrophages
42. EMAPA:29943 - rest of epithelial layer of upper vagina
43. EMAPA:31279 - renal fibroblasts
44. EMAPA:30668 - surface epithelium of crus penis
45. EMAPA:29161 - degenerating mesonephric portion of male paramesonephric duct
46. EMAPA:29167 - genital tubercle mesenchyme of male
47. EMAPA:31281 - anlage of loop of Henle
48. EMAPA:29931 - muscle layer of cervix uteri
49. EMAPA:30675 - outer layer of uterine horn
50. EMAPA:29933 - adventitia of cervix uteri
51. EMAPA:31288 - renal cortical fibroblasts
52. EMAPA:29935 - gland of lower vaginal epithelium
53. EMAPA:29937 - rest of epithelial layer of lower vagina
54. EMAPA:29939 - adventitia of lower part of vagina
55. EMAPA:29170 - genital tubercle surface epithelium of male
56. EMAPA:29173 - nephric duct of male, rest of
57. EMAPA:29177 - mesenchyme of rest of nephric duct of male
58. EMAPA:29941 - gland of upper vaginal epithelium
59. EMAPA:30642 - mesenchyme of glans penis
60. EMAPA:30640 - preputial gland
61. EMAPA:29964 - endothelial layer of renal vein
62. EMAPA:30646 - surface epithelium of glans penis
63. EMAPA:29148 - mesonephric tubule of male
64. EMAPA:31260 - theca of atretic follicle
65. EMAPA:29143 - mesonephric mesenchyme of male
66. EMAPA:31266 - longitudinal muscle layer of infundibulum
67. EMAPA:31268 - circular muscle layer of infundibulum
68. EMAPA:31262 - granulosa of ruptured follicle
69. EMAPA:30650 - prepuce mesenchyme of male
70. EMAPA:31264 - muscle layer of infundibulum
71. EMAPA:30655 - prepuce surface epithelium of male
72. EMAPA:30659 - preputial gland of male
73. EMAPA:31270 - nephrogenic interstitium
74. EMAPA:29158 - paramesonephric duct of male, mesonephric portion
75. EMAPA:28077 - pelvic urothelial lining
76. EMAPA:28075 - capillary
77. EMAPA:28862 - proximal straight tubule

78. EMAPA:28073 - venous
79. EMAPA:28071 - arterial
80. EMAPA:28856 - mesenchymal layer of phallic urethra of male
81. EMAPA:28853 - epithelial layer of phallic urethra of male
82. EMAPA:28859 - muscle layer of phallic urethra of male
83. EMAPA:28089 - urothelium
84. EMAPA:28850 - interstitium
85. EMAPA:28083 - perihilar interstitium
86. EMAPA:28844 - ureteral smooth muscle layer
87. EMAPA:28847 - smooth muscle component
88. EMAPA:28880 - mesenchymal stroma of ovary
89. EMAPA:28069 - developing vasculature of medulla
90. EMAPA:28061 - medullary collecting duct
91. EMAPA:30699 - prepuce of female
92. EMAPA:28037 - venous
93. EMAPA:28035 - arterial
94. EMAPA:28811 - ureteral smooth muscle layer
95. EMAPA:28029 - developing vasculature of cortex
96. EMAPA:28814 - smooth muscle component
97. EMAPA:28049 - immature loop of Henle
98. EMAPA:28039 - capillary
99. EMAPA:28801 - intermediate cell layer
100. EMAPA:28806 - basal cell layer
101. EMAPA:28841 - lamina propria
102. EMAPA:28011 - renal connecting tubule
103. EMAPA:28836 - adventitia of trigone
104. EMAPA:28831 - adventitia of fundus
105. EMAPA:28007 - early distal tubule
106. EMAPA:28826 - adventitia of bladder
107. EMAPA:28888 - developing vasculature of ovary
108. EMAPA:29098 - primary sex cord
109. EMAPA:27625 - ureteric tip
110. EMAPA:27627 - ureteric stalk
111. EMAPA:27621 - cap mesenchyme
112. EMAPA:27623 - peripheral blastema
113. EMAPA:31367 - resident macrophage of the perihilar interstitium
114. EMAPA:31361 - perihilar fibroblast
115. EMAPA:29976 - endothelial layer of renal artery
116. EMAPA:29993 - ureteral mesenchyme, rest of
117. EMAPA:29995 - endothelium of renal artery
118. EMAPA:29990 - metanephric mesenchyme
119. EMAPA:27617 - rostral
120. EMAPA:27615 - parametanephric mesenchyme
121. EMAPA:31354 - renal medullary nerves
122. EMAPA:27619 - caudal
123. EMAPA:31347 - renal medullary lymphatics
124. EMAPA:27602 - nephric duct, pronephric portion
125. EMAPA:27605 - ureteric tip
126. EMAPA:27608 - ureteric trunk
127. EMAPA:31340 - rest of renal medullary interstitium
128. EMAPA:29065 - primary oocyte of primary follicle
129. EMAPA:29067 - follicle cell of primary follicle
130. EMAPA:29061 - muscular layer of lower part of vagina
131. EMAPA:31333 - resident macrophages of the medulla
132. EMAPA:27673 - pretubular aggregate
133. EMAPA:27671 - nephrogenic interstitium
134. EMAPA:27665 - paramesonephric duct
135. EMAPA:31326 - renal medullary fibroblasts
136. EMAPA:27663 - nephric duct, mesonephric portion
137. EMAPA:27661 - mesonephric mesenchyme
138. EMAPA:31312 - renal cortical lymphatics
139. EMAPA:31319 - renal cortical nerves
140. EMAPA:27659 - mesonephric tubule
141. EMAPA:27657 - posterior gonadal mesenchyme
142. EMAPA:27655 - central gonadal mesenchyme
143. EMAPA:27653 - anterior gonadal mesenchyme
144. EMAPA:27644 - mesonephros
145. EMAPA:31304 - rest of renal cortical interstitium
146. EMAPA:27642 - associated mesenchyme
147. EMAPA:27640 - cloacal epithelium
148. EMAPA:27638 - cloaca
149. EMAPA:29806 - rest of interstitium of anterior prostate
150. EMAPA:29804 - smooth muscle of anterior prostate
151. EMAPA:29802 - anterior prostatic interstitium
152. EMAPA:29800 - ductal epithelium of anterior prostate
153. EMAPA:30720 - surface epithelium of glans clitoris
154. EMAPA:30725 - mesenchyme of crus of clitoris
155. EMAPA:29808 - dorsal prostate gland
156. EMAPA:30730 - surface epithelium of crus of clitoris
157. EMAPA:30749 - outer layer of epididymis
158. EMAPA:30747 - muscle layer of epididymis
159. EMAPA:30745 - surface epithelium of epididymis
160. EMAPA:30751 - outer layer of ductus deferens
161. EMAPA:29009 - cortical component of mesenchymal stroma

162. EMAPA:30757 - oocyte of primordial follicle  
163. EMAPA:30755 - primordial follicle  
164. EMAPA:29014 - medullary component of mesenchymal stroma  
165. EMAPA:30767 - follicle cell of tertiary follicle  
166. EMAPA:30765 - oocyte of tertiary follicle  
167. EMAPA:30769 - theca of tertiary follicle  
168. EMAPA:31379 - premacula segment of distal straight tubule  
169. EMAPA:29848 - rest of interstitium of ventral prostate  
170. EMAPA:30763 - tertiary follicle  
171. EMAPA:29846 - smooth muscle of ventral prostate  
172. EMAPA:29844 - ventral prostatic interstitium  
173. EMAPA:31373 - rest of perihilar interstitium  
174. EMAPA:29852 - epithelial layer of crus penis  
175. EMAPA:29850 - corpus spongiosum  
176. EMAPA:30775 - mural of tertiary follicle  
177. EMAPA:30777 - Graafian follicle  
178. EMAPA:30779 - primary oocyte of mature follicle  
179. EMAPA:29836 - ventral prostate gland  
180. EMAPA:31389 - resident macrophage of the outer medulla  
181. EMAPA:29838 - ventral prostatic epithelium  
182. EMAPA:31384 - outer medullary fibroblast  
183. EMAPA:30771 - antrum of tertiary follicle  
184. EMAPA:29832 - smooth muscle of lateral prostate  
185. EMAPA:30773 - cumulus of tertiary follicle  
186. EMAPA:29834 - rest of interstitium of lateral prostate  
187. EMAPA:29840 - glandular epithelium of ventral prostate  
188. EMAPA:29842 - ductal epithelium of ventral prostate  
189. EMAPA:29034 - muscular layer  
190. EMAPA:29030 - epithelium  
191. EMAPA:30789 - antrum of mature follicle  
192. EMAPA:30787 - theca of mature follicle  
193. EMAPA:30785 - mural of mature follicle  
194. EMAPA:29824 - lateral prostatic epithelium  
195. EMAPA:31394 - rest of outer medullary interstitium  
196. EMAPA:30783 - cumulus of mature follicle  
197. EMAPA:29822 - lateral prostate gland  
198. EMAPA:30781 - germinal cell of mature follicle  
199. EMAPA:29828 - ductal epithelium of lateral prostate  
200. EMAPA:29826 - glandular epithelium of lateral prostate  
201. EMAPA:31399 - inner medullary fibroblast  
202. EMAPA:29046 - muscle layer of oviduct  
203. EMAPA:29043 - epithelial layer of oviduct  
204. EMAPA:29830 - lateral prostatic interstitium  
205. EMAPA:29049 - outer layer of oviduct  
206. EMAPA:29818 - smooth muscle of dorsal prostate  
207. EMAPA:30797 - vasculature of seminal vesicle  
208. EMAPA:30799 - vasculature of ejaculatory duct  
209. EMAPA:30793 - vasculature of ductus deferens  
210. EMAPA:29810 - dorsal prostatic epithelium  
211. EMAPA:30795 - vasculature of epididymis  
212. EMAPA:29812 - glandular epithelium of dorsal prostate  
213. EMAPA:29814 - ductal epithelium of dorsal prostate  
214. EMAPA:30791 - vasculature of scrotum  
215. EMAPA:29816 - dorsal prostatic interstitium  
216. EMAPA:29055 - muscular layer of upper part of vagina  
217. EMAPA:29058 - epithelial layer of lower part of vagina  
218. EMAPA:29820 - rest of interstitium of dorsal prostate  
219. EMAPA:29052 - epithelial layer of upper part of vagina  
220. EMAPA:28759 - epithelial layer of pelvic urethra of female  
221. EMAPA:28753 - pelvic urethra of female  
222. EMAPA:28747 - urethra of female  
223. EMAPA:28709 - muscle layer of pelvic urethra of male  
224. EMAPA:28703 - mesenchymal layer of pelvic urethra of male  
225. EMAPA:18331 - mediastinum testis  
226. EMAPA:18332 - rete testis  
227. EMAPA:18326 - renal medullary interstitium  
228. EMAPA:18329 - labial swelling  
229. EMAPA:18328 - Mllerian tubercle  
230. EMAPA:31409 - rest of inner medullary interstitium  
231. EMAPA:31404 - resident macrophage of the inner medulla  
232. EMAPA:27708 - epithelial layer of ureter  
233. EMAPA:28765 - mesenchymal layer of pelvic urethra of female  
234. EMAPA:28771 - muscle layer of pelvic urethra of female  
235. EMAPA:19089 - gubernaculum  
236. EMAPA:19088 - ejaculatory duct  
237. EMAPA:19085 - suspensory ligament of ovary  
238. EMAPA:19087 - appendix testis  
239. EMAPA:19086 - appendix epididymis  
240. EMAPA:29882 - theca of ruptured follicle  
241. EMAPA:29880 - ruptured follicle  
242. EMAPA:29886 - corpus luteum  
243. EMAPA:29884 - germinal cell of ruptured follicle  
244. EMAPA:29878 - apoptotic germinal cell  
245. EMAPA:29876 - oocyte of atretic follicle

246. EMAPA:27721 - nephrogenic zone  
247. EMAPA:31469 - small blood vessels  
248. EMAPA:29897 - infundibulum  
249. EMAPA:31450 - renal venous system  
250. EMAPA:29888 - corpus albicans  
251. EMAPA:27711 - ureteral mesenchyme  
252. EMAPA:29864 - oocyte of secondary follicle  
253. EMAPA:29862 - secondary follicle  
254. EMAPA:29860 - rest of glans penis  
255. EMAPA:31488 - spermatozoan  
256. EMAPA:29858 - epithelial layer of glans penis  
257. EMAPA:31486 - spermatid  
258. EMAPA:29856 - corpus spongiosum  
259. EMAPA:31484 - spermatocyte  
260. EMAPA:29854 - rest of crus penis  
261. EMAPA:31482 - spermatogonium  
262. EMAPA:27749 - ureteric tip  
263. EMAPA:27742 - pretubular aggregate  
264. EMAPA:29872 - theca of secondary follicle  
265. EMAPA:31480 - peritubular myoid cell  
266. EMAPA:29874 - atretic follicle  
267. EMAPA:29870 - mural  
268. EMAPA:31476 - Seminiferous tubule  
269. EMAPA:31478 - Sertoli cell  
270. EMAPA:29866 - follicle cell of secondary follicle  
271. EMAPA:29868 - cumulus  
272. EMAPA:27735 - cap mesenchyme  
273. EMAPA:27770 - capillary loop renal corpuscle  
274. EMAPA:27772 - visceral epithelium  
275. EMAPA:27774 - parietal epithelium  
276. EMAPA:31426 - periarterial fibroblasts of cortex  
277. EMAPA:27764 - proximal segment of s-shaped body  
278. EMAPA:31424 - peritubular fibroblasts of cortex  
279. EMAPA:27766 - visceral epithelium  
280. EMAPA:27768 - parietal epithelium  
281. EMAPA:31428 - peritubular fibroblasts of outer medulla  
282. EMAPA:27762 - medial segment of s-shaped body  
283. EMAPA:27760 - distal segment of s-shaped body  
284. EMAPA:27756 - s-shaped body  
285. EMAPA:31414 - medullary renal tubule  
286. EMAPA:31418 - rest of medullary renal tubule  
287. EMAPA:27758 - renal connecting tubule of s-shaped body  
288. EMAPA:27794 - developing vasculature of metanephros  
289. EMAPA:27790 - renal connecting tubule  
290. EMAPA:30711 - preputial gland of female  
291. EMAPA:30715 - mesenchyme of glans clitoris  
292. EMAPA:27786 - anlage of the loop of Henle  
293. EMAPA:27788 - early distal tubule  
294. EMAPA:31443 - renal capillaries  
295. EMAPA:29899 - epithelial layer of infundibulum  
296. EMAPA:27784 - early proximal tubule  
297. EMAPA:30707 - prepuce surface epithelium of female  
298. EMAPA:27782 - renal tubule  
299. EMAPA:27780 - presumptive endothelium of renal corpuscle  
300. EMAPA:18323 - urachus  
301. EMAPA:30703 - prepuce mesenchyme of female  
302. EMAPA:27778 - presumptive mesangium  
303. EMAPA:31436 - renal arterial system  
304. EMAPA:27776 - associated interstitium  
305. EMAPA:18321 - bladder  
306. EMAPA:31432 - peritubular fibroblasts of inner medulla  
307. EMAPA:31434 - periarterial fibroblasts of inner medulla  
308. EMAPA:31430 - periarterial fibroblasts of outer medulla  
309. EMAPA:30429 - surface epithelium of labioscrotal swelling of female  
310. EMAPA:30426 - mesenchyme of labioscrotal swelling of female  
311. EMAPA:30423 - labioscrotal swelling of female  
312. EMAPA:16103 - organ system  
313. EMAPA:30433 - mesenchymal layer of labial swelling  
314. EMAPA:30438 - surface epithelium of labial swelling  
315. EMAPA:29316 - scrotal fold  
316. EMAPA:29321 - glandular tissue of seminal vesicle  
317. EMAPA:30484 - distal genital tubercle of female  
318. EMAPA:30487 - mesenchyme of distal genital tubercle of female  
319. EMAPA:30490 - surface epithelium of distal genital tubercle of female  
320. EMAPA:30493 - mesenchyme of female preputial swelling  
321. EMAPA:30499 - preputial gland of female  
322. EMAPA:29307 - inguinal ring  
323. EMAPA:30496 - surface epithelium of female preputial swelling  
324. EMAPA:29304 - cystic vesicular appendage  
325. EMAPA:29313 - internal inguinal ring  
326. EMAPA:29310 - external inguinal ring  
327. EMAPA:28619 - muscularis mucosa of bladder  
328. EMAPA:30467 - urethral epithelium of male  
329. EMAPA:28613 - epithelium of trigone

330. EMAPA:30460 - coelomic epithelium of male mesonephros  
331. EMAPA:30478 - preputial swelling of female  
332. EMAPA:28601 - epithelium of bladder  
333. EMAPA:30470 - urethral epithelium of female  
334. EMAPA:28607 - epithelium of fundus  
335. EMAPA:30445 - epithelium of epididymis  
336. EMAPA:30447 - muscle layer of epididymis  
337. EMAPA:30449 - juxtaglomerular complex  
338. EMAPA:28637 - detrusor muscle of bladder  
339. EMAPA:30443 - adventitia of epididymis  
340. EMAPA:28643 - detrusor muscle of fundus  
341. EMAPA:17646 - primitive collecting duct  
342. EMAPA:28625 - muscularis mucosa of fundus  
343. EMAPA:17645 - cap mesenchyme  
344. EMAPA:28631 - muscularis mucosa of trigone  
345. EMAPA:28649 - detrusor muscle of trigone  
346. EMAPA:27829 - renal vesicle  
347. EMAPA:28661 - serosa of bladder  
348. EMAPA:28673 - serosa of trigone  
349. EMAPA:28667 - serosa of fundus  
350. EMAPA:28679 - blood vessels of bladder  
351. EMAPA:28697 - epithelial layer of pelvic urethra of male  
352. EMAPA:31528 - nerve of urogenital sinus  
353. EMAPA:31527 - pelvic ganglion  
354. EMAPA:31529 - mesenchymal layer of dorsal primitive bladder  
355. EMAPA:31524 - nerve of phallic urethra  
356. EMAPA:31523 - nerve of pelvic urethra  
357. EMAPA:31526 - nerve of bladder  
358. EMAPA:31525 - mesenchymal layer of ventral primitive bladder  
359. EMAPA:31520 - epithelium of urogenital sinus  
360. EMAPA:31522 - pelvic ganglion  
361. EMAPA:31521 - early distal tubule of capillary loop nephron  
362. EMAPA:31519 - mesenchyme of urogenital sinus  
363. EMAPA:31518 - urethral epithelium  
364. EMAPA:31517 - renal connecting tubule of mature nephron  
365. EMAPA:31516 - renal connecting tubule of maturing nephron  
366. EMAPA:31515 - renal connecting tubule of capillary loop nephron  
367. EMAPA:31514 - early distal tubule of maturing nephron  
368. EMAPA:31513 - early distal tubule of maturing nephron  
369. EMAPA:31512 - early proximal tubule of maturing nephron  
370. EMAPA:31511 - early distal tubule of capillary loop nephron  
371. EMAPA:31510 - developing vasculature of male genital tubercle  
372. EMAPA:31509 - epithelium of urogenital sinus  
373. EMAPA:31502 - surface epithelium of proximal genital tubercle of male  
374. EMAPA:18692 - urethra of male  
375. EMAPA:31501 - mesenchyme of proximal genital tubercle of male  
376. EMAPA:18693 - urethral fold of male  
377. EMAPA:31504 - proximal genital tubercle of male  
378. EMAPA:31503 - developing vasculature of female genital tubercle  
379. EMAPA:31506 - proximal genital tubercle of female  
380. EMAPA:31505 - urethral opening of male  
381. EMAPA:31508 - proximal urethral epithelium of male  
382. EMAPA:31507 - distal urethral epithelium of male  
383. EMAPA:31500 - mesenchyme of urogenital sinus  
384. EMAPA:31565 - nerve of pelvic urethra of male  
385. EMAPA:31566 - cortical renal tubule of mature nephron GROUP  
386. EMAPA:31563 - developing vasculature of urinary system GROUP  
387. EMAPA:31564 - developing vasculature of reproductive system GROUP  
388. EMAPA:31561 - ventral mesenchyme of pelvic urethra  
389. EMAPA:31562 - nephrogenic zone GROUP  
390. EMAPA:31560 - muscle layer of dorsal pelvic urethra of female  
391. EMAPA:18677 - major  
392. EMAPA:18676 - calyx  
393. EMAPA:31569 - nerves of urethra GROUP  
394. EMAPA:31567 - nerve of pelvic urethra of female  
395. EMAPA:31568 - nerve of phallic urethra of male  
396. EMAPA:31552 - mesenchymal layer of dorsal pelvic urethra of male  
397. EMAPA:31553 - mesenchymal layer of ventral pelvic urethra of female  
398. EMAPA:31554 - mesenchymal layer of dorsal pelvic urethra of female  
399. EMAPA:18680 - genital tubercle of female  
400. EMAPA:31555 - muscle layer of ventral pelvic urethra of male  
401. EMAPA:31550 - mesenchymal layer of ventral pelvic urethra of male  
402. EMAPA:31551 - nerve of phallic urethra of female  
403. EMAPA:18686 - germ cell of testis  
404. EMAPA:18685 - seminiferous cord  
405. EMAPA:18687 - interstitium of the testis  
406. EMAPA:31556 - muscle layer of dorsal pelvic urethra of male  
407. EMAPA:18682 - penis  
408. EMAPA:31557 - nerve of caudal urethra  
409. EMAPA:18681 - ductus deferens  
410. EMAPA:31558 - nerve of pelvic urethra  
411. EMAPA:31559 - muscle layer of ventral pelvic urethra of female  
412. EMAPA:18678 - minor  
413. EMAPA:18679 - renal capsule

414. EMAPA:31540 - renal connecting segment of renal vesicle  
 415. EMAPA:31543 - early proximal tubule of capillary loop nephron  
 416. EMAPA:31544 - early proximal tubule of capillary loop nephron  
 417. EMAPA:31541 - renal connecting segment of renal vesicle  
 418. EMAPA:31542 - early proximal tubule of maturing nephron  
 419. EMAPA:31547 - proximal renal vesicle  
 420. EMAPA:31548 - distal renal vesicle  
 421. EMAPA:31545 - renal connecting segment of comma-shaped body  
 422. EMAPA:31546 - renal connecting segment of comma-shaped body  
 423. EMAPA:31549 - proximal renal vesicle  
 424. EMAPA:27895 - visceral epithelium  
 425. EMAPA:31530 - proximal urethral epithelium of female  
 426. EMAPA:31531 - urethral opening of female  
 427. EMAPA:31532 - developing vasculature of urogenital sinus  
 428. EMAPA:31533 - nerves of urogenital sinus  
 429. EMAPA:31534 - mesenchyme of proximal genital tubercle of female  
 430. EMAPA:27877 - medial segment of s-shaped body  
 431. EMAPA:31535 - surface epithelium of proximal genital tubercle of female  
 432. EMAPA:31536 - distal urethral epithelium of female  
 433. EMAPA:31537 - developing vasculature of male mesonephros  
 434. EMAPA:31538 - developing vasculature of female mesonephros  
 435. EMAPA:31539 - developing vasculature of primitive bladder  
 436. EMAPA:27883 - proximal segment of s-shaped body  
 437. EMAPA:27865 - renal connecting tubule of s-shaped body  
 438. EMAPA:27871 - distal segment of s-shaped body  
 439. EMAPA:27853 - s-shaped body  
 440. EMAPA:27841 - upper limb of comma-shaped body  
 441. EMAPA:27847 - lower limb of comma-shaped body  
 442. EMAPA:31582 - distal renal vesicle  
 443. EMAPA:31579 - developing vasculature of urinary system  
 444. EMAPA:31578 - developing vasculature of genitourinary system  
 445. EMAPA:27835 - comma-shaped body  
 446. EMAPA:31571 - cortical renal tubule of capillary loop nephron GROUP  
 447. EMAPA:31570 - cortical renal tubule of maturing nephron GROUP  
 448. EMAPA:31573 - mesenchyme of pelvic urethra  
 449. EMAPA:31572 - dorsal mesenchyme of pelvic urethra  
 450. EMAPA:31575 - mesenchymal layer of dorsal pelvic urethra  
 451. EMAPA:31574 - mesenchymal layer of ventral pelvic urethra  
 452. EMAPA:31577 - muscle layer of dorsal pelvic urethra  
 453. EMAPA:31576 - muscle layer of ventral pelvic urethra  
 454. EMAPA:31580 - developing vasculature of reproductive system  
 455. EMAPA:30522 - tunica albuginea of ovary  
 456. EMAPA:30528 - cranial mesonephric tubule of male  
 457. EMAPA:29274 - epithelium of ductus deferens  
 458. EMAPA:29270 - muscle layer of ductus deferens  
 459. EMAPA:30536 - rest of cranial mesonephric tubule of male  
 460. EMAPA:30532 - mesonephric glomerulus of male  
 461. EMAPA:29288 - glans penis  
 462. EMAPA:29286 - rest of the seminal vesicle  
 463. EMAPA:29282 - duct of the seminal vesicle  
 464. EMAPA:30547 - mesonephric glomerulus of female  
 465. EMAPA:30544 - cranial mesonephric tubule of female  
 466. EMAPA:30540 - caudal mesonephric tubule of male  
 467. EMAPA:30556 - cranial mesonephric tubule of male  
 468. EMAPA:30558 - rest of cranial mesonephric tubule  
 469. EMAPA:30553 - caudal mesonephric tubule of female  
 470. EMAPA:30550 - rest of cranial mesonephric tubule of female  
 471. EMAPA:29226 - mesenchyme of male preputial swelling  
 472. EMAPA:29223 - surface epithelium of male preputial swelling  
 473. EMAPA:29220 - preputial swelling of male  
 474. EMAPA:16245 - visceral organ  
 475. EMAPA:30509 - labioscrotal swelling of male  
 476. EMAPA:29244 - peritubular myoid cell  
 477. EMAPA:30502 - preputial gland of male  
 478. EMAPA:29252 - glans of male genital tubercle  
 479. EMAPA:29254 - mesenchyme of glans of male genital tubercle  
 480. EMAPA:29256 - surface epithelium of glans of male genital tubercle  
 481. EMAPA:30515 - surface epithelium of labioscrotal swelling of male  
 482. EMAPA:30512 - mesenchyme of labioscrotal swelling of male  
 483. EMAPA:29202 - mesenchyme of degenerating rest of paramesonephric duct of male  
 484. EMAPA:29207 - mesenchyme of distal genital tubercle of male  
 485. EMAPA:29205 - distal genital tubercle of male  
 486. EMAPA:29209 - surface epithelium of distal genital tubercle of male  
 487. EMAPA:28518 - renal interstitium group  
 488. EMAPA:30560 - mesonephric glomerulus of male  
 489. EMAPA:30562 - cranial mesonephric tubule  
 490. EMAPA:30565 - rest of cranial mesonephric tubule  
 491. EMAPA:30568 - mesonephric glomerulus  
 492. EMAPA:30571 - caudal mesonephric tubule  
 493. EMAPA:28506 - developing capillary loop stage nephron GROUP  
 494. EMAPA:30576 - cranial mesonephric tubule  
 495. EMAPA:30574 - caudal mesonephric tubule  
 496. EMAPA:30578 - rest of cranial mesonephric tubule  
 497. EMAPA:30580 - mesonephric glomerulus



498. EMAPA:28500 - early tubule  
499. EMAPA:28555 - urethral plate  
500. EMAPA:27925 - associated interstitium of renal corpuscle  
501. EMAPA:28547 - allantois  
502. EMAPA:28561 - subepithelial layer  
503. EMAPA:27913 - visceral epithelium  
504. EMAPA:27919 - parietal epithelium  
505. EMAPA:28533 - male associated reproductive structure  
506. EMAPA:27943 - maturing renal corpuscle  
507. EMAPA:28527 - late tubule  
508. EMAPA:27949 - maturing glomerular tuft  
509. EMAPA:28540 - female associated reproductive structure  
510. EMAPA:27931 - presumptive mesangium  
511. EMAPA:27937 - presumptive endothelium of renal corpuscle  
512. EMAPA:28570 - outer layer  
513. EMAPA:27907 - capillary loop renal corpuscle  
514. EMAPA:28567 - middle layer  
515. EMAPA:27901 - parietal epithelium  
516. EMAPA:28588 - superficial cellular layer  
517. EMAPA:27967 - visceral epithelium  
518. EMAPA:29196 - degenerating rest of paramesonephric duct of male  
519. EMAPA:29199 - epithelium of degenerating rest of paramesonephric duct of male  
520. EMAPA:27955 - glomerular capillary system of maturing glomerular tuft  
521. EMAPA:29181 - epithelium of rest of nephric duct of male  
522. EMAPA:27961 - glomerular mesangium  
523. EMAPA:29185 - paramesonephric duct of male, rest of  
524. EMAPA:29187 - epithelium of rest of paramesonephric duct of male  
525. EMAPA:29189 - mesenchyme of rest of paramesonephric duct of male  
526. EMAPA:27985 - urinary space of renal corpuscle  
527. EMAPA:27991 - juxtaglomerular arteriole  
528. EMAPA:27979 - parietal epithelium  
529. EMAPA:27973 - Bowman's capsule  
530. EMAPA:16745 - associated mesenchyme  
531. EMAPA:16744 - mesonephros  
532. EMAPA:16747 - tubule  
533. EMAPA:16746 - non-tubular part  
534. EMAPA:31003 - adventita of vagina  
535. EMAPA:28491 - mature nephron  
536. EMAPA:28494 - ureteric trunk  
537. EMAPA:28485 - maturing nephron  
538. EMAPA:28477 - primitive collecting duct group  
539. EMAPA:28457 - renal vasculature  
540. EMAPA:28445 - stage IV immature nephron  
541. EMAPA:28425 - nephric duct group  
542. EMAPA:28429 - nephric duct group  
543. EMAPA:28407 - collecting duct  
544. EMAPA:28402 - postmacula segment  
545. EMAPA:28405 - ureteric trunk  
546. EMAPA:28387 - renal distal tubule  
547. EMAPA:28376 - renal vein  
548. EMAPA:28373 - renal artery  
549. EMAPA:28370 - inner medullary collecting duct  
550. EMAPA:16858 - gonadal mesenchyme  
551. EMAPA:16859 - primordial germ cells  
552. EMAPA:16857 - gonad  
553. EMAPA:28396 - distal straight tubule  
554. EMAPA:28399 - macula densa  
555. EMAPA:28393 - distal convoluted tubule  
556. EMAPA:28390 - early distal tubule  
557. EMAPA:28337 - outer medullary interstitium  
558. EMAPA:28346 - outer medullary collecting duct  
559. EMAPA:17948 - pelvis  
560. EMAPA:28325 - thin descending limb  
561. EMAPA:28328 - thin ascending limb  
562. EMAPA:17950 - ureter  
563. EMAPA:28331 - premacula segment of distal straight tubule  
564. EMAPA:28358 - bend  
565. EMAPA:28364 - inner medullary interstitium  
566. EMAPA:28361 - thin ascending limb  
567. EMAPA:28349 - inner medulla  
568. EMAPA:28352 - loop of Henle, inner medullary portion  
569. EMAPA:28355 - thin descending limb  
570. EMAPA:17975 - germ cell of the testis  
571. EMAPA:17953 - nephrogenic interstitium  
572. EMAPA:17952 - renal cortex  
573. EMAPA:17954 - early nephron GROUP  
574. EMAPA:17956 - phallic urethra of male  
575. EMAPA:17959 - female reproductive system  
576. EMAPA:17961 - mesovarium  
577. EMAPA:28322 - loop of Henle, outer medullary portion  
578. EMAPA:17962 - ovary  
579. EMAPA:17966 - rete ovarii of ovary  
580. EMAPA:17965 - germ cell of ovary  
581. EMAPA:17963 - surface epithelium of ovary

582. EMAPA:17969 - genital tubercle of male  
583. EMAPA:17968 - male reproductive system  
584. EMAPA:28310 - outer medulla  
585. EMAPA:17972 - testis  
586. EMAPA:17973 - coelomic epithelium of testis  
587. EMAPA:17970 - nephric duct of male, mesonephric portion  
588. EMAPA:17971 - mesorchium  
589. EMAPA:30037 - renal cortical capillary  
590. EMAPA:31235 - developing vasculature system of epididymis  
591. EMAPA:30031 - glomerular mesangium of Bowman's capsule  
592. EMAPA:30801 - vasculature of bulbourethral gland  
593. EMAPA:30809 - vasculature of oviduct  
594. EMAPA:30807 - vasculature of penis  
595. EMAPA:28281 - renal proximal tubule  
596. EMAPA:30805 - vasculature of prostate gland  
597. EMAPA:28284 - early proximal tubule  
598. EMAPA:28287 - renal proximal convoluted tubule  
599. EMAPA:31240 - surface epithelium of testis  
600. EMAPA:31247 - follicle cell of primordial follicle  
601. EMAPA:30813 - vasculature of vagina  
602. EMAPA:30811 - vasculature of uterus  
603. EMAPA:28272 - rest of afferent arteriole  
604. EMAPA:30819 - clitoris  
605. EMAPA:28275 - efferent arteriole  
606. EMAPA:31250 - cremaster muscle  
607. EMAPA:28278 - extraglomerular mesangium  
608. EMAPA:31214 - developing vasculature of oviduct  
609. EMAPA:30011 - endothelium of renal vein  
610. EMAPA:17209 - ureteric bud  
611. EMAPA:17208 - metanephric mesenchyme  
612. EMAPA:17207 - metanephros  
613. EMAPA:29788 - rest of ejaculatory duct  
614. EMAPA:30821 - crus of clitoris  
615. EMAPA:30019 - smooth muscle layer of renal vein  
616. EMAPA:31219 - developing vasculature of upper part of vagina  
617. EMAPA:30825 - epithelial layer of crus of clitoris  
618. EMAPA:30823 - os clitoris  
619. EMAPA:29790 - epithelial component of bulbourethral gland  
620. EMAPA:30829 - glans clitoris  
621. EMAPA:28260 - parietal epithelium  
622. EMAPA:30827 - mesenchymal layer of crus of clitoris  
623. EMAPA:29798 - glandular epithelium of anterior prostate  
624. EMAPA:28266 - afferent arteriole  
625. EMAPA:29796 - anterior prostatic epithelium  
626. EMAPA:17211 - urogenital sinus  
627. EMAPA:28269 - part of afferent arteriole forming the juxtaglomerular complex  
628. EMAPA:17212 - urorectal septum  
629. EMAPA:29794 - anterior prostate gland  
630. EMAPA:28263 - urinary space of renal corpuscle  
631. EMAPA:17210 - urogenital membrane  
632. EMAPA:29792 - interstitium of bulbourethral gland  
633. EMAPA:31224 - developing vasculature of lower part of vagina  
634. EMAPA:30003 - smooth muscle layer of renal artery  
635. EMAPA:28248 - glomerular mesangium  
636. EMAPA:30831 - surface epithelium of glans clitoris  
637. EMAPA:30833 - mesenchymal layer of glans clitoris  
638. EMAPA:30835 - vasculature of clitoris  
639. EMAPA:31229 - developing vasculature of vagina  
640. EMAPA:30837 - labia  
641. EMAPA:30839 - epithelial layer of labia  
642. EMAPA:28257 - Bowman's capsule  
643. EMAPA:29786 - epithelial layer of ejaculatory duct  
644. EMAPA:28254 - visceral epithelium  
645. EMAPA:28251 - glomerular basement membrane  
646. EMAPA:29769 - os penis  
647. EMAPA:29767 - adventitia of ductus deferens  
648. EMAPA:29771 - epithelium of seminal vesicle  
649. EMAPA:29775 - adventitia of seminal vesicle  
650. EMAPA:29773 - muscle layer of seminal vesicle  
651. EMAPA:31204 - developing vasculature of caput epididymis  
652. EMAPA:31209 - developing vasculature of uterine horn  
653. EMAPA:29755 - epithelium of corpus epididymis  
654. EMAPA:29757 - muscle layer of corpus of epididymis  
655. EMAPA:29759 - adventitia of corpus of epididymis  
656. EMAPA:29761 - epithelium of caput of epididymis  
657. EMAPA:29763 - muscle layer of caput of epididymis  
658. EMAPA:29765 - adventitia of caput of epididymis  
659. EMAPA:29749 - rest of efferent duct  
660. EMAPA:29747 - epithelial layer of efferent duct  
661. EMAPA:29745 - septum of scrotum  
662. EMAPA:29753 - adventitia of cauda of epididymis  
663. EMAPA:29751 - muscle layer of cauda of epididymis  
664. EMAPA:29737 - stratified layer  
665. EMAPA:29739 - dermal layer of scrotum

666. EMAPA:29733 - epidermal layer of scrotum  
667. EMAPA:29735 - basal layer  
668. EMAPA:29741 - hair follicle  
669. EMAPA:29743 - sweat gland  
670. EMAPA:28245 - glomerular capillary system  
671. EMAPA:28239 - glomerular tuft  
672. EMAPA:28230 - afferent arteriole  
673. EMAPA:28233 - efferent arteriole  
674. EMAPA:28236 - mature renal corpuscle  
675. EMAPA:28221 - arcuate vein  
676. EMAPA:28218 - interlobular vein  
677. EMAPA:28215 - arcuate artery  
678. EMAPA:28212 - interlobular artery  
679. EMAPA:30891 - urethra  
680. EMAPA:30895 - caudal urethra  
681. EMAPA:30893 - pelvic urethra  
682. EMAPA:30899 - urethral fold  
683. EMAPA:30897 - urethral plate  
684. EMAPA:29731 - testicular branch of genital nerve  
685. EMAPA:30882 - epithelial layer of rest of urogenital sinus  
686. EMAPA:31199 - developing vasculature of corpus epididymis  
687. EMAPA:30885 - mesenchymal layer of rest of urogenital sinus  
688. EMAPA:30888 - urethral fold  
689. EMAPA:31194 - developing vasculature of cauda epididymis  
690. EMAPA:16577 - nephric duct  
691. EMAPA:31188 - developing vasculature of ductus deferens  
692. EMAPA:16578 - primordial germ cells  
693. EMAPA:19180 - seminal vesicle  
694. EMAPA:16579 - pronephros  
695. EMAPA:31182 - developing vasculature of epididymis  
696. EMAPA:16576 - associated mesenchyme  
697. EMAPA:19169 - crus of clitoris  
698. EMAPA:30850 - ureteral vasculature  
699. EMAPA:30841 - mesenchymal layer of labia  
700. EMAPA:30843 - gland of labia  
701. EMAPA:19179 - tunica vaginalis testis  
702. EMAPA:30845 - vasculature of labia  
703. EMAPA:19177 - Sertoli cell  
704. EMAPA:19176 - rest of interstitium of the testis  
705. EMAPA:19175 - fetal Leydig cell  
706. EMAPA:19174 - external  
707. EMAPA:19173 - internal  
708. EMAPA:19172 - inguinal ring  
709. EMAPA:19171 - inguinal canal  
710. EMAPA:19170 - glans clitoris  
711. EMAPA:30879 - rest of urogenital sinus  
712. EMAPA:30876 - mesenchymal layer of primitive bladder  
713. EMAPA:30873 - epithelial layer of primitive bladder  
714. EMAPA:30870 - primitive bladder  
715. EMAPA:30942 - prostatic urethra  
716. EMAPA:30137 - muscularis mucosa of neck  
717. EMAPA:30946 - epithelial layer  
718. EMAPA:28949 - epithelium of rest of nephric duct of female  
719. EMAPA:30944 - penile urethra  
720. EMAPA:28945 - nephric duct of female, rest of  
721. EMAPA:30130 - serosa of neck  
722. EMAPA:29669 - proximal straight tubule  
723. EMAPA:29675 - inner stripe of outer medulla  
724. EMAPA:28147 - renal cortical arterial system  
725. EMAPA:28142 - renal cortical vasculature  
726. EMAPA:29671 - distal straight tubule  
727. EMAPA:30948 - mesenchymal layer  
728. EMAPA:30952 - epithelial layer  
729. EMAPA:30954 - mesenchymal layer  
730. EMAPA:30956 - muscle layer  
731. EMAPA:28957 - epithelium of rest of paramesonephric duct of female  
732. EMAPA:30123 - detrusor muscle of neck  
733. EMAPA:29657 - segment 1 of proximal tubule  
734. EMAPA:28953 - mesenchyme of rest of nephric duct of female  
735. EMAPA:30950 - muscle layer  
736. EMAPA:29659 - segment 2 of proximal tubule  
737. EMAPA:28961 - mesenchyme of rest of paramesonephric duct of female  
738. EMAPA:28136 - renal cortical interstitium  
739. EMAPA:29663 - outer stripe of outer medulla  
740. EMAPA:29665 - loop of Henle  
741. EMAPA:28130 - cortical collecting duct  
742. EMAPA:29661 - renal proximal straight tubule  
743. EMAPA:30924 - urethral plate of female  
744. EMAPA:28929 - rete ovarii of mesonephros  
745. EMAPA:28924 - nephric duct of female, mesonephric portion  
746. EMAPA:29693 - epithelium of cauda of epididymis  
747. EMAPA:28167 - renal medullary venous system  
748. EMAPA:29691 - renal nerve  
749. EMAPA:30927 - urethral fold of female

750. EMAPA:28162 - renal medullary arterial system  
751. EMAPA:30934 - mesenchymal layer of phallic urethra of female  
752. EMAPA:30930 - epithelial layer of phallic urethra of female  
753. EMAPA:30144 - adventitia of neck  
754. EMAPA:29679 - loop of Henle  
755. EMAPA:28937 - paramesonephric duct of female, mesonephric portion  
756. EMAPA:28934 - coelomic epithelium of female mesonephros  
757. EMAPA:29681 - thin descending limb  
758. EMAPA:30150 - interstitium  
759. EMAPA:28152 - renal cortical venous system  
760. EMAPA:29683 - premacula segment of distal straight tubule  
761. EMAPA:28940 - paramesonephric duct of female, rest of  
762. EMAPA:28157 - renal medullary vasculature  
763. EMAPA:30938 - muscle layer of phallic urethra of female  
764. EMAPA:29626 - genital tubercle surface epithelium of female  
765. EMAPA:30903 - pelvic urethra  
766. EMAPA:30901 - urethra  
767. EMAPA:30907 - mesenchymal layer of pelvic urethra  
768. EMAPA:30905 - epithelial layer of pelvic urethra  
769. EMAPA:30909 - muscle layer of pelvic urethra  
770. EMAPA:29633 - inner longitudinal muscle  
771. EMAPA:29631 - vasculature of the ovary  
772. EMAPA:30911 - phallic urethra  
773. EMAPA:30913 - urethral plate of phallic urethra  
774. EMAPA:30915 - urethral fold of phallic urethra  
775. EMAPA:30917 - phallic urethra of female  
776. EMAPA:29621 - genital tubercle mesenchyme of female  
777. EMAPA:28965 - meiotic germ cell  
778. EMAPA:29645 - male urethral gland  
779. EMAPA:30116 - lamina propria of neck  
780. EMAPA:28971 - premeiotic germ cell  
781. EMAPA:29655 - Leydig cell  
782. EMAPA:29653 - female urethral gland  
783. EMAPA:29635 - outer circular muscle  
784. EMAPA:29637 - median umbilical ligament  
785. EMAPA:30102 - lamina propria of fundus  
786. EMAPA:29639 - bulbar part of urethra of male  
787. EMAPA:28978 - degenerating mesonephric tubule of female  
788. EMAPA:30109 - lamina propria of trigone  
789. EMAPA:29641 - distal region of urethra of male  
790. EMAPA:28981 - degenerating mesonephric portion of nephric duct of female  
791. EMAPA:26913 - inguinal canal  
792. EMAPA:27599 - nephric duct, metanephric portion  
793. EMAPA:27573 - cloaca  
794. EMAPA:27570 - posterior gonadal mesenchyme  
795. EMAPA:17377 - nephric duct, metanephric portion  
796. EMAPA:17376 - ureteric bud  
797. EMAPA:17379 - urogenital sinus  
798. EMAPA:28101 - deep cellular layer  
799. EMAPA:17378 - urogenital membrane  
800. EMAPA:17373 - metanephros  
801. EMAPA:17375 - metanephric mesenchyme  
802. EMAPA:28909 - mesonephros of female  
803. EMAPA:27568 - central gonadal mesenchyme  
804. EMAPA:27566 - anterior gonadal mesenchyme  
805. EMAPA:27564 - coelomic epithelium  
806. EMAPA:17368 - urogenital mesentery  
807. EMAPA:17367 - mesentery  
808. EMAPA:17366 - urinary system  
809. EMAPA:28914 - mesonephric mesenchyme of female mesonephros  
810. EMAPA:28919 - mesonephric tubule of female  
811. EMAPA:27591 - nephric duct, mesonephric portion  
812. EMAPA:28120 - pelvic smooth muscle  
813. EMAPA:27588 - mesonephric tubule  
814. EMAPA:27581 - associated mesenchyme  
815. EMAPA:17382 - genital tubercle  
816. EMAPA:27585 - mesonephric mesenchyme  
817. EMAPA:17381 - reproductive system  
818. EMAPA:17380 - urorectal septum  
819. EMAPA:17386 - primordial germ cell  
820. EMAPA:17385 - gonadal mesenchyme  
821. EMAPA:17384 - coelomic epithelium  
822. EMAPA:17383 - gonad  
823. EMAPA:28114 - adventitia of ureter  
824. EMAPA:27577 - cloacal epithelium  
825. EMAPA:18985 - uterine horn  
826. EMAPA:18984 - oviduct  
827. EMAPA:18976 - cortical renal tubule  
828. EMAPA:18978 - cystic vesicular appendage  
829. EMAPA:18998 - urethral plate of male  
830. EMAPA:18999 - lower part of vagina  
831. EMAPA:18995 - pelvic urethra of male  
832. EMAPA:18993 - efferent duct of seminal vesicle  
833. EMAPA:18988 - glans penis

834. EMAPA:18989 - prepuce of male  
 835. EMAPA:18986 - vagina  
 836. EMAPA:18987 - upper part of vagina  
 837. EMAPA:30088 - lamina propria of the bladder  
 838. EMAPA:31058 - ovigerous cord  
 839. EMAPA:29609 - rest of mesentery  
 840. EMAPA:29605 - coelomic vessel  
 841. EMAPA:29607 - interstitial vessel  
 842. EMAPA:29603 - vasculature of testis  
 843. EMAPA:30051 - circular muscle layer of rest of oviduct  
 844. EMAPA:31021 - bend  
 845. EMAPA:30991 - epithelium of vagina  
 846. EMAPA:30043 - renal medullary capillary  
 847. EMAPA:31025 - meiotic oocytes  
 848. EMAPA:30997 - muscular layer of vagina  
 849. EMAPA:30049 - muscle layer of rest of oviduct  
 850. EMAPA:30057 - longitudinal muscle layer of ductus deferens  
 851. EMAPA:30053 - longitudinal muscle layer of rest of oviduct  
 852. EMAPA:30055 - circular muscle layer of ductus deferens  
 853. EMAPA:31017 - straight limb  
 854. EMAPA:30984 - female external genitalia  
 855. EMAPA:19279 - renal medulla  
 856. EMAPA:30072 - mesenchyme of paramesonephric duct, mesonephric portion  
 857. EMAPA:30070 - epithelium of paramesonephric duct, mesonephric portion  
 858. EMAPA:19285 - male accessory gland  
 859. EMAPA:19284 - primary follicle  
 860. EMAPA:31045 - ureteric tree terminal branch excluding tip itself  
 861. EMAPA:30068 - cranial suspensory ligament  
 862. EMAPA:19280 - Loop of Henle group  
 863. EMAPA:19287 - prostate gland  
 864. EMAPA:19286 - bulbourethral gland  
 865. EMAPA:19289 - tunica albuginea of testis  
 866. EMAPA:30977 - male external genitalia  
 867. EMAPA:31040 - rest of cortical component of mesenchymal stroma of ovary  
 868. EMAPA:30081 - epithelium of neck  
 869. EMAPA:19296 - scrotum  
 870. EMAPA:31035 - pre-granulosa cell  
 871. EMAPA:30074 - genital swelling  
 872. EMAPA:30077 - dorsal genital swelling  
 873. EMAPA:19294 - crus penis  
 874. EMAPA:19293 - corpus epididymis  
 875. EMAPA:30079 - ventrolateral genital swelling  
 876. EMAPA:19292 - cauda epididymis  
 877. EMAPA:19291 - caput epididymis  
 878. EMAPA:19290 - epididymis  
 879. EMAPA:30965 - glomerular basement membrane

#### DETAILS:

Modified Component 1			
ID	EMAPA:30627	Is Group Term	false
Name	scrotal fold surface epithelium of male		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:29316[scrotal fold]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 1			
	system(EMAPA:17968), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29316>		
	2. order=1 for EMAPA:29316		

Modified Component 2			
ID	EMAPA:29907	Is Group Term	false
Name	epithelial layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29905[rest of oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), epithelial layer of rest of oviduct(EMAPA:29907)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), epithelial layer of rest of oviduct(EMAPA:29907)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29905>		
	2. order=0 for EMAPA:29905		

Modified Component 3			
ID	EMAPA:30624	Is Group Term	false
Name	scrotal fold mesenchyme of male		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:29316[scrotal fold]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316), scrotal fold mesenchyme of male(EMAPA:30624)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 3			
	system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316), scrotal fold mesenchyme of male(EMAPA:30624)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316), scrotal fold mesenchyme of male(EMAPA:30624)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316), scrotal fold mesenchyme of male(EMAPA:30624)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29316>		
	2. order=0 for EMAPA:29316		

Modified Component 4			
ID	EMAPA:16368	Is Group Term	false
Name	nephric cord		
Starts At	TS13	Ends At	TS16
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric cord(EMAPA:16368)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric cord(EMAPA:16368)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:16367>		
	2. order=0 for EMAPA:16367		

Modified Component 5			
ID	EMAPA:16369	Is Group Term	false
Name	presumptive nephric duct		
Starts At	TS13	Ends At	TS13
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[Wolffian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), presumptive nephric duct(EMAPA:16369)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), presumptive nephric duct(EMAPA:16369)]		

Modified Component 5			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:16367>		
	2. order=1 for EMAPA:16367		

Modified Component 6			
ID	EMAPA:29905	Is Group Term	false
Name	rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18984>		
	2. order=6 for EMAPA:18984		

Modified Component 7			
ID	EMAPA:29903	Is Group Term	false
Name	serosa of infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29897[infundibulum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), serosa of infundibulum(EMAPA:29903)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), serosa of infundibulum(EMAPA:29903)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29897>		
	2. order=2 for EMAPA:29897		

--



Modified Component 8			
ID	EMAPA:29122	Is Group Term	false
Name	coelomic vessel		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:29114[developing vasculature of the testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29114>		
	2. order=0 for EMAPA:29114		

Modified Component 9			
ID	EMAPA:30636	Is Group Term	false
Name	prepuce mesenchyme of male		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:30634[prepuce of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce mesenchyme of male(EMAPA:30636)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce mesenchyme of male(EMAPA:30636)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 9			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), <u>prepuce mesenchyme of male(EMAPA:30636)]</u>		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce mesenchyme of male(EMAPA:30636)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce mesenchyme of male(EMAPA:30636)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce mesenchyme of male(EMAPA:30636)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30634>		
	2. order=2 for EMAPA:30634		

Modified Component 10			
ID	EMAPA:30638	Is Group Term	false
Name	prepuce surface epithelium of male		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:30634[prepuce of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 10			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), prepuce surface epithelium of male(EMAPA:30638)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30634>		
	2. order=0 for EMAPA:30634		

Modified Component 11			
ID	EMAPA:30632	Is Group Term	false
Name	glans surface epithelium of male		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:29288[glans penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 11			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29288>		
	2. order=0 for EMAPA:29288		

Modified Component 12			
ID	EMAPA:30634	Is Group Term	false
Name	prepuce of male		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 12	
	no order entries; This Component has order entry <8 for EMAPA:17969>
	2. order=8 for EMAPA:17969

Modified Component 13			
ID	EMAPA:30630	Is Group Term	false
Name	glans mesenchyme of male		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:29288[glans penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29288>		
	2. order=1 for EMAPA:29288		

Modified Component 14			
ID	EMAPA:29138	Is Group Term	false

Modified Component 14			
Name	mesonephros of male		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17968>		
	2. order=0 for EMAPA:17968		

Modified Component 15			
ID	EMAPA:28003	Is Group Term	false
Name	early proximal tubule		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal		



Modified Component 15			
	tubule(EMAPA:28003)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18976>		
	2. order=0 for EMAPA:18976		

Modified Component 16			
ID	EMAPA:29130	Is Group Term	false
Name	interstitial vessel		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:29114[developing vasculature of the testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29114>		
	2. order=1 for EMAPA:29114		

Modified Component 17			
ID	EMAPA:27678	Is Group Term	false
Name	renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[epithelial vesicle, stage I nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678)]		



Modified Component 17			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17954>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17373>		
	3. order=7 for EMAPA:17373 order=2 for EMAPA:17954		

Modified Component 18			
ID	EMAPA:29929	Is Group Term	false
Name	epithelial layer of cervix uteri		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29927[cervix uteri]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), epithelial layer of cervix uteri(EMAPA:29929)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), epithelial layer of cervix uteri(EMAPA:29929)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29927>		
	2. order=0 for EMAPA:29927		

Modified Component 19			
ID	EMAPA:29927	Is Group Term	false
Name	cervix uteri		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 19			
	system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:29915>		
	2. order=3 for EMAPA:29915		

Modified Component 20			
ID	EMAPA:29925	Is Group Term	false
Name	adventitia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), adventitia(EMAPA:29925)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), adventitia(EMAPA:29925)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29915>		
	2. order=2 for EMAPA:29915		

Modified Component 21			
ID	EMAPA:29923	Is Group Term	false
Name	myometrium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), myometrium(EMAPA:29923)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), myometrium(EMAPA:29923)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29915>		
	2. order=1 for EMAPA:29915		

Modified Component 22			
ID	EMAPA:31296	Is Group Term	false
Name	resident macrophages of the cortex		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28136[renal cortical interstitium]		
Group Parents			
Synonyms	[renal monocytes of the cortex]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28136>		
	2. order=1 for EMAPA:28136		

Modified Component 23			
ID	EMAPA:29921	Is Group Term	false
Name	rest of endometrium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29917[endometrium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), rest of endometrium(EMAPA:29921)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), rest of endometrium(EMAPA:29921)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 23	
	no order entries; This Component has order entry <1 for EMAPA:29917>
	2. order=1 for EMAPA:29917

Modified Component 24			
ID	EMAPA:27684	Is Group Term	false
Name	upper limb of comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27681[comma-shaped body]		
Group Parents			
Synonyms	[distal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27681>		
	2. order=0 for EMAPA:27681		

Modified Component 25			
ID	EMAPA:27681	Is Group Term	false
Name	comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 25			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17954>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17373>		
	3. order=8 for EMAPA:17373 order=3 for EMAPA:17954		

Modified Component 26			
ID	EMAPA:29917	Is Group Term	false
Name	endometrium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29915>		
	2. order=0 for EMAPA:29915		

Modified Component 27			
ID	EMAPA:29919	Is Group Term	false
Name	uterine gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29917[endometrium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), uterine gland(EMAPA:29919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 27			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), uterine gland(EMAPA:29919)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29917>		
	2. order=0 for EMAPA:29917		

Modified Component 28			
ID	EMAPA:27687	Is Group Term	false
Name	lower limb of comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27681[comma-shaped body]		
Group Parents			
Synonyms	[proximal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), lower limb of comma-shaped body(EMAPA:27687)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), lower limb of comma-shaped body(EMAPA:27687)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), lower limb of comma-shaped body(EMAPA:27687)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), lower limb of comma-shaped body(EMAPA:27687)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27681>		
	2. order=1 for EMAPA:27681		

Modified Component 29			
ID	EMAPA:29913	Is Group Term	false
Name	serosa of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29905[rest of oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 29			
	system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), serosa of rest of oviduct(EMAPA:29913)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), serosa of rest of oviduct(EMAPA:29913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29905>		
	2. order=2 for EMAPA:29905		

Modified Component 30			
ID	EMAPA:29915	Is Group Term	false
Name	uterus		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17959>		
	2. order=10 for EMAPA:17959		

Modified Component 31			
ID	EMAPA:29106	Is Group Term	false
Name	Sertoli cell		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29098[primary sex cord]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), Sertoli cell(EMAPA:29106)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), Sertoli cell(EMAPA:29106)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 31	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29098>
	2. order=0 for EMAPA:29098

Modified Component 32			
ID	EMAPA:29114	Is Group Term	false
Name	developing vasculature of the testis		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:17972[testis] EMAPA:31564[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of the testis(EMAPA:29114)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17972>		
	2. order=7 for EMAPA:17972		

Modified Component 33			
ID	EMAPA:16367	Is Group Term	false
Name	genitourinary system		
Starts At	TS13	Ends At	TS18
Primary Parents	EMAPA:16245[visceral organ]		
Group Parents			
Synonyms	[urogenital system]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		



Modified Component 33	
	no order entries; This Component has order entry <0 for EMAPA:16245>
	2. order=0 for EMAPA:16245

Modified Component 34			
ID	EMAPA:29110	Is Group Term	false
Name	peritubular myoid cell		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29098[primary sex cord]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), peritubular myoid cell(EMAPA:29110)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), peritubular myoid cell(EMAPA:29110)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29098>		
	2. order=2 for EMAPA:29098		

Modified Component 35			
ID	EMAPA:27697	Is Group Term	false
Name	ureteric trunk		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17646[primitive collecting duct]		
Group Parents			
Synonyms	[ureteric stalk]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric trunk(EMAPA:27697)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric trunk(EMAPA:27697)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17646>		
	2. order=1 for EMAPA:17646		

Modified Component 36			
ID	EMAPA:27694	Is Group Term	false

Modified Component 36			
Name	ureteric tip		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17646[primitive collecting duct] EMAPA:31562[nephrogenic zone GROUP]		
Group Parents			
Synonyms	[ampulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric tip(EMAPA:27694)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), ureteric tip(EMAPA:27694)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric tip(EMAPA:27694)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), ureteric tip(EMAPA:27694)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17646>		
	2. order=0 for EMAPA:17646		

Modified Component 37			
ID	EMAPA:27690	Is Group Term	false
Name	renal interstitium		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690)]		

Modified Component 37			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17373>		
	2. order=12 for EMAPA:17373		

Modified Component 38			
ID	EMAPA:30664	Is Group Term	false
Name	mesenchyme of crus penis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19294[crus penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), mesenchyme of crus penis(EMAPA:30664)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), mesenchyme of crus penis(EMAPA:30664)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), mesenchyme of crus penis(EMAPA:30664)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), mesenchyme of crus penis(EMAPA:30664)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:19294>		
	2. order=5 for EMAPA:19294		

Modified Component 39			
ID	EMAPA:29945	Is Group Term	false
Name	adventitia of upper part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18987[upper part of vagina] EMAPA:31003[adventita of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 39			
	system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), adventitia of upper part of vagina(EMAPA:29945)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventitia of vagina(EMAPA:31003), adventitia of upper part of vagina(EMAPA:29945)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventitia of vagina(EMAPA:31003), adventitia of upper part of vagina(EMAPA:29945)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), adventitia of upper part of vagina(EMAPA:29945)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31003>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18987>		
	3. order=2 for EMAPA:18987 order=1 for EMAPA:31003		

Modified Component 40			
ID	EMAPA:31276	Is Group Term	false
Name	rest of renal interstitium		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		

Modified Component 40			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27690>		
	2. order=3 for EMAPA:27690		

Modified Component 41			
ID	EMAPA:31273	Is Group Term	false
Name	resident macrophages		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[renal monocytes]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), resident macrophages(EMAPA:31273)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), resident macrophages(EMAPA:31273)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), resident macrophages(EMAPA:31273)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), resident macrophages(EMAPA:31273)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27690>		
	2. order=1 for EMAPA:27690		

Modified Component 42			
ID	EMAPA:29943	Is Group Term	false
Name	rest of epithelial layer of upper vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29052[epithelial layer of upper part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052), rest of epithelial layer of upper vagina(EMAPA:29943)]		

Modified Component 42			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052), rest of epithelial layer of upper vagina(EMAPA:29943)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052), rest of epithelial layer of upper vagina(EMAPA:29943)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052), rest of epithelial layer of upper vagina(EMAPA:29943)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29052>		
	2. order=1 for EMAPA:29052		

Modified Component 43			
ID	EMAPA:31279	Is Group Term	false
Name	renal fibroblasts		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27690>		

<b>Modified Component 43</b>	
	2. order=0 for EMAPA:27690

<b>Modified Component 44</b>			
<i>ID</i>	EMAPA:30668	<i>Is Group Term</i>	false
<i>Name</i>	surface epithelium of crus penis		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:19294[crus penis]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), surface epithelium of crus penis(EMAPA:30668)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), surface epithelium of crus penis(EMAPA:30668)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), surface epithelium of crus penis(EMAPA:30668)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), surface epithelium of crus penis(EMAPA:30668)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19294> 2. order=3 for EMAPA:19294		

<b>Modified Component 45</b>			
<i>ID</i>	EMAPA:29161	<i>Is Group Term</i>	false
<i>Name</i>	degenerating mesonephric portion of male paramesonephric duct		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:29138[mesonephros of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[Mllerian duct]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), degenerating mesonephric portion of male paramesonephric duct(EMAPA:29161)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		



Modified Component 45			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), degenerating mesonephric portion of male paramesonephric duct(EMAPA:29161)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:29138>		
	2. Different Synonyms - Referenced Component EMAPA:29161 has synonyms [Müllerian duct, Mllerian duct]		
	3. order=5 for EMAPA:29138		

Modified Component 46			
ID	EMAPA:29167	Is Group Term	false
Name	genital tubercle mesenchyme of male		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
Rule Status	PASSED	Edit Status	CHANGED



Modified Component 46	
Comments	1. Different End Stage - Referenced Component EMAPA:29167 has End Stage [TS21]
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17969>
	3. order=1 for EMAPA:17969

Modified Component 47			
ID	EMAPA:31281	Is Group Term	false
Name	anlage of loop of Henle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[primitive loop of Henle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]		

**Modified Component 47**

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), anlage of loop of

# Modified Component 47

Henle(EMAPA:31281)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]

<b>Modified Component 47</b>			
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), anlage of loop of Henle(EMAPA:31281)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18976>		
	2. order=2 for EMAPA:18976		

<b>Modified Component 48</b>			
ID	EMAPA:29931	Is Group Term	false
Name	muscle layer of cervix uteri		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29927[cervix uteri]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), muscle layer of cervix uteri(EMAPA:29931)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), muscle layer of cervix uteri(EMAPA:29931)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29927>		
	2. order=1 for EMAPA:29927		

<b>Modified Component 49</b>			
ID	EMAPA:30675	Is Group Term	false
Name	outer layer of uterine horn		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), outer layer of uterine horn(EMAPA:30675)]		

Modified Component 49			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), outer layer of uterine horn(EMAPA:30675)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18985>		
	2. order=3 for EMAPA:18985		

Modified Component 50			
ID	EMAPA:29933	Is Group Term	false
Name	adventitia of cervix uteri		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29927[cervix uteri]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), adventitia of cervix uteri(EMAPA:29933)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), cervix uteri(EMAPA:29927), adventitia of cervix uteri(EMAPA:29933)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29927>		
	2. order=2 for EMAPA:29927		

Modified Component 51			
ID	EMAPA:31288	Is Group Term	false
Name	renal cortical fibroblasts		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28136[renal cortical interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]		

Modified Component 51			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28136>		
	2. order=0 for EMAPA:28136		

Modified Component 52			
ID	EMAPA:29935	Is Group Term	false
Name	gland of lower vaginal epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29058[epithelial layer of lower part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29058>		
	2. order=0 for EMAPA:29058		



Modified Component 53			
ID	EMAPA:29937	Is Group Term	false
Name	rest of epithelial layer of lower vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29058[epithelial layer of lower part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), rest of epithelial layer of lower vagina(EMAPA:29937)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), rest of epithelial layer of lower vagina(EMAPA:29937)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), rest of epithelial layer of lower vagina(EMAPA:29937)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), rest of epithelial layer of lower vagina(EMAPA:29937)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29058>		
	2. order=1 for EMAPA:29058		

Modified Component 54			
ID	EMAPA:29939	Is Group Term	false
Name	adventitia of lower part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18999[lower part of vagina] EMAPA:31003[adventita of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), adventitia of lower part of vagina(EMAPA:29939)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 54			
	system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of lower part of vagina(EMAPA:29939)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of lower part of vagina(EMAPA:29939)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), adventitia of lower part of vagina(EMAPA:29939)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31003>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18999>		
	3. order=2 for EMAPA:18999 order=0 for EMAPA:31003		

Modified Component 55			
ID	EMAPA:29170	Is Group Term	false
Name	genital tubercle surface epithelium of male		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		



Modified Component 55			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:29170 has End Stage [TS21]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17969>		
	3. order=0 for EMAPA:17969		

Modified Component 56			
ID	EMAPA:29173	Is Group Term	false
Name	nephric duct of male, rest of		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[mesonephric duct, rest of]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17968>		
	2. order=3 for EMAPA:17968		

Modified Component 57			
ID	EMAPA:29177	Is Group Term	false
Name	mesenchyme of rest of nephric duct of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29173[nephric duct of male, rest of]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), mesenchyme of rest of nephric duct of male(EMAPA:29177)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 57			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), mesenchyme of rest of nephric duct of male(EMAPA:29177)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29173>		
	2. order=1 for EMAPA:29173		

Modified Component 58			
ID	EMAPA:29941	Is Group Term	false
Name	gland of upper vaginal epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29052[epithelial layer of upper part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052), gland of upper vaginal epithelium(EMAPA:29941)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052), gland of upper vaginal epithelium(EMAPA:29941)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052), gland of upper vaginal epithelium(EMAPA:29941)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052), gland of upper vaginal epithelium(EMAPA:29941)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29052>		
	2. order=0 for EMAPA:29052		

Modified Component 59			
ID	EMAPA:30642	Is Group Term	false
Name	mesenchyme of glans penis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18988[glans penis]		

<b>Modified Component 59</b>			
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18988>		
	2. order=3 for EMAPA:18988		

<b>Modified Component 60</b>			
<i>ID</i>	EMAPA:30640	<i>Is Group Term</i>	false
<i>Name</i>	preputial gland		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:30634[prepuce of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634),		

Modified Component 60			
	preputial gland(EMAPA:30640)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30634>		
	2. order=1 for EMAPA:30634		

Modified Component 61			
ID	EMAPA:29964	Is Group Term	false
Name	endothelial layer of renal vein		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28376[renal vein]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		

Modified Component 61			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28376>		
	2. order=0 for EMAPA:28376		

Modified Component 62			
ID	EMAPA:30646	Is Group Term	false
Name	surface epithelium of glans penis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18988>		
	2. order=1 for EMAPA:18988		

<b>Modified Component 63</b>			
<i>ID</i>	EMAPA:29148	<i>Is Group Term</i>	false
<i>Name</i>	mesonephric tubule of male		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:29138[mesonephros of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29138>		
	2. order=2 for EMAPA:29138		

<b>Modified Component 64</b>			
<i>ID</i>	EMAPA:31260	<i>Is Group Term</i>	false
<i>Name</i>	theca of atretic follicle		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29874[atretic follicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), theca of atretic follicle(EMAPA:31260)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), theca of atretic follicle(EMAPA:31260)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29874>		
	2. order=2 for EMAPA:29874		

<b>Modified Component 65</b>			
<i>ID</i>	EMAPA:29143	<i>Is Group Term</i>	false
<i>Name</i>	mesonephric mesenchyme of male		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:29138[mesonephros of male]		

<b>Modified Component 65</b>			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric mesenchyme of male(EMAPA:29143)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric mesenchyme of male(EMAPA:29143)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29138>		
	2. order=1 for EMAPA:29138		

<b>Modified Component 66</b>			
ID	EMAPA:31266	Is Group Term	false
Name	longitudinal muscle layer of infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31264[muscle layer of infundibulum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264), longitudinal muscle layer of infundibulum(EMAPA:31266)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264), longitudinal muscle layer of infundibulum(EMAPA:31266)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31264>		
	2. order=1 for EMAPA:31264		

<b>Modified Component 67</b>			
ID	EMAPA:31268	Is Group Term	false
Name	circular muscle layer of infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31264[muscle layer of infundibulum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		



<b>Modified Component 67</b>			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264), circular muscle layer of infundibulum(EMAPA:31268)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264), circular muscle layer of infundibulum(EMAPA:31268)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31264>		
	2. order=0 for EMAPA:31264		

<b>Modified Component 68</b>			
ID	EMAPA:31262	Is Group Term	false
Name	granulosa of ruptured follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29880[ruptured follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), granulosa of ruptured follicle(EMAPA:31262)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), granulosa of ruptured follicle(EMAPA:31262)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29880>		
	2. order=1 for EMAPA:29880		

<b>Modified Component 69</b>			
ID	EMAPA:30650	Is Group Term	false
Name	prepuce mesenchyme of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18989[prepuce of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]		



Modified Component 69			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18989>		
	2. order=2 for EMAPA:18989		

Modified Component 70			
ID	EMAPA:31264	Is Group Term	false
Name	muscle layer of infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29897[infundibulum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), muscle layer of infundibulum(EMAPA:31264)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29897>		
	2. order=1 for EMAPA:29897		

Modified Component 71			
ID	EMAPA:30655	Is Group Term	false
Name	prepuce surface epithelium of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18989[prepuce of male]		
Group Parents			

Modified Component 71			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18989>		
	2. order=0 for EMAPA:18989		

Modified Component 72			
ID	EMAPA:30659	Is Group Term	false
Name	preputial gland of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18989[prepuce of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 72			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18989>		
	2. order=1 for EMAPA:18989		

Modified Component 73			
ID	EMAPA:31270	Is Group Term	false
Name	nephrogenic interstitium		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:31562[nephrogenic zone GROUP] EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[peripheral blastema]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), nephrogenic interstitium(EMAPA:31270)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), nephrogenic interstitium(EMAPA:31270)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27690>		
	2. order=2 for EMAPA:27690		

--

<b>Modified Component 74</b>			
<i>ID</i>	EMAPA:29158	<i>Is Group Term</i>	false
<i>Name</i>	paramesonephric duct of male, mesonephric portion		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:29138[mesonephros of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[mesonephric portion of male, Mllerian duct of male]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), paramesonephric duct of male, mesonephric portion(EMAPA:29158)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), paramesonephric duct of male, mesonephric portion(EMAPA:29158)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:29138>		
	2. Different Synonyms - Referenced Component EMAPA:29158 has synonyms [mesonephric portion of male, Müllerian duct of male, Mllerian duct of male]		
	3. order=4 for EMAPA:29138		

<b>Modified Component 75</b>			
<i>ID</i>	EMAPA:28077	<i>Is Group Term</i>	false
<i>Name</i>	pelvic urothelial lining		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17948[pelvis]		
<i>Group Parents</i>			
<i>Synonyms</i>	[pelvic urothelium]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic urothelial lining(EMAPA:28077)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic urothelial lining(EMAPA:28077)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17948>		
	2. order=0 for EMAPA:17948		

<b>Modified Component 76</b>			
<i>ID</i>	EMAPA:28075	<i>Is Group Term</i>	false
<i>Name</i>	capillary		

<b>Modified Component 76</b>			
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[developing vasculature of medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28069>		
	2. order=2 for EMAPA:28069		

<b>Modified Component 77</b>			
ID	EMAPA:28862	Is Group Term	false
Name	proximal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 77			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28322>		
	2. order=2 for EMAPA:28322		

Modified Component 78			
ID	EMAPA:28073	Is Group Term	false
Name	venous		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[developing vasculature of medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing		

Modified Component 78			
	vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28069>		
	2. order=1 for EMAPA:28069		

Modified Component 79			
ID	EMAPA:28071	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[developing vasculature of medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 79			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28069>		
	2. order=0 for EMAPA:28069		

Modified Component 80			
ID	EMAPA:28856	Is Group Term	false
Name	mesenchymal layer of phallic urethra of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), mesenchymal layer of phallic urethra of male(EMAPA:28856)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), mesenchymal layer of phallic urethra of male(EMAPA:28856)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17956>		
	2. order=1 for EMAPA:17956		

Modified Component 81			
ID	EMAPA:28853	Is Group Term	false
Name	epithelial layer of phallic urethra of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), epithelial layer of phallic urethra of male(EMAPA:28853)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), epithelial layer of phallic urethra of male(EMAPA:28853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17956>		



<b>Modified Component 81</b>			
	2. order=0 for EMAPA:17956		

<b>Modified Component 82</b>			
<i>ID</i>	EMAPA:28859	<i>Is Group Term</i>	false
<i>Name</i>	muscle layer of phallic urethra of male		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:17956[phallic urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), muscle layer of phallic urethra of male(EMAPA:28859)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), muscle layer of phallic urethra of male(EMAPA:28859)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17956>		
	2. order=2 for EMAPA:17956		

<b>Modified Component 83</b>			
<i>ID</i>	EMAPA:28089	<i>Is Group Term</i>	false
<i>Name</i>	urothelium		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17950[ureter]		
<i>Group Parents</i>			
<i>Synonyms</i>	[transitional epithelium]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17950>		
	2. order=0 for EMAPA:17950		

<b>Modified Component 84</b>			
<i>ID</i>	EMAPA:28850	<i>Is Group Term</i>	false
<i>Name</i>	interstitium		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28844[ureteral smooth muscle layer]		
<i>Group Parents</i>			

<b>Modified Component 84</b>			
<i>Synonyms</i>	[Cajal cell]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), interstitium(EMAPA:28850)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), interstitium(EMAPA:28850)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28844>		
	2. order=3 for EMAPA:28844		

<b>Modified Component 85</b>			
<i>ID</i>	EMAPA:28083	<i>Is Group Term</i>	false
<i>Name</i>	perihilar interstitium		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17948[pelvis] EMAPA:28518[renal interstitium group]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:28518>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17948>		
	3. order=10 for EMAPA:28518 order=2 for EMAPA:17948		

<b>Modified Component 86</b>			
<i>ID</i>	EMAPA:28844	<i>Is Group Term</i>	false
<i>Name</i>	ureteral smooth muscle layer		

<b>Modified Component 86</b>			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17950>		
	2. order=3 for EMAPA:17950		

<b>Modified Component 87</b>			
ID	EMAPA:28847	Is Group Term	false
Name	smooth muscle component		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), smooth muscle component(EMAPA:28847)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), smooth muscle component(EMAPA:28847)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28844>		
	2. order=2 for EMAPA:28844		

<b>Modified Component 88</b>			
ID	EMAPA:28880	Is Group Term	false
Name	mesenchymal stroma of ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880)]		

Modified Component 88			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17962>		
	2. order=2 for EMAPA:17962		

Modified Component 89			
ID	EMAPA:28069	Is Group Term	false
Name	developing vasculature of medulla		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19279>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:28457>		
	3. order=8 for EMAPA:28457 order=3 for EMAPA:19279		

Modified Component 90			
ID	EMAPA:28061	Is Group Term	false
Name	medullary collecting duct		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:19279[renal medulla] EMAPA:28494[ureteric trunk]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), medullary collecting duct(EMAPA:28061)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), medullary collecting duct(EMAPA:28061)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19279>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28494>		
	3. order=1 for EMAPA:28494 order=1 for EMAPA:19279		

Modified Component 91			
ID	EMAPA:30699	Is Group Term	false
Name	prepuce of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 91			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:18680>		
	2. order=8 for EMAPA:18680		

Modified Component 92			
ID	EMAPA:28037	Is Group Term	false
Name	venous		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[developing vasculature of cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457),		

Modified Component 92			
	developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28029>		
	2. order=1 for EMAPA:28029		

Modified Component 93			
ID	EMAPA:28035	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[developing vasculature of cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 93			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28029>		
	2. order=0 for EMAPA:28029		

Modified Component 94			
ID	EMAPA:28811	Is Group Term	false
Name	ureteral smooth muscle layer		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive ureteral smooth muscle layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27711>		
	2. order=2 for EMAPA:27711		

Modified Component 95			
ID	EMAPA:28029	Is Group Term	false
Name	developing vasculature of cortex		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457),		



Modified Component 95			
	developing vasculature of cortex(EMAPA:28029)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:28457>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17952>		
	3. order=7 for EMAPA:28457 order=9 for EMAPA:17952		

Modified Component 96			
ID	EMAPA:28814	Is Group Term	false
Name	smooth muscle component		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:28811[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), smooth muscle component(EMAPA:28814)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), smooth muscle component(EMAPA:28814)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28811>		
	2. order=0 for EMAPA:28811		

Modified Component 97			

Modified Component 97			
ID	EMAPA:28049	Is Group Term	false
Name	immature loop of Henle		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:19279[renal medulla] EMAPA:28445[stage IV immature nephron]		
Group Parents			
Synonyms	[anlagen of loop of Henle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19279>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28445>		
	3. order=2 for EMAPA:28445 order=0 for EMAPA:19279		

Modified Component 98			
ID	EMAPA:28039	Is Group Term	false
Name	capillary		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[developing vasculature of cortex]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 98			
	renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28029>		
	2. order=2 for EMAPA:28029		

Modified Component 99			
ID	EMAPA:28801	Is Group Term	false
Name	intermediate cell layer		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28101[deep cellular layer]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101), intermediate cell layer(EMAPA:28801)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101), intermediate cell layer(EMAPA:28801)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28101>		
	2. order=0 for EMAPA:28101		

Modified Component 100			
ID	EMAPA:28806	Is Group Term	false
Name	basal cell layer		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28101[deep cellular layer]		
Group Parents			
Synonyms	[ ]		

Modified Component 100			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101), basal cell layer(EMAPA:28806)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101), basal cell layer(EMAPA:28806)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28101>		
	2. order=1 for EMAPA:28101		

Modified Component 101			
ID	EMAPA:28841	Is Group Term	false
Name	lamina propria		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), lamina propria(EMAPA:28841)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), lamina propria(EMAPA:28841)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17950>		
	2. order=2 for EMAPA:17950		

Modified Component 102			
ID	EMAPA:28011	Is Group Term	false
Name	renal connecting tubule		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting		

## Modified Component 102

	tubule(EMAPA:28011)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]

Modified Component 102			
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18976>		
	2. order=5 for EMAPA:18976		

Modified Component 103			
ID	EMAPA:28836	Is Group Term	false
Name	adventitia of trigone		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28826[adventitia of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of trigone(EMAPA:28836)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of trigone(EMAPA:28836)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28826>		
	2. order=1 for EMAPA:28826		

Modified Component 104			
ID	EMAPA:28831	Is Group Term	false
Name	adventitia of fundus		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28826[adventitia of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of fundus(EMAPA:28831)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 104			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of fundus(EMAPA:28831)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28826>		
	2. order=0 for EMAPA:28826		

Modified Component 105			
ID	EMAPA:28007	Is Group Term	false
Name	early distal tubule		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 105			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18976>		
	2. order=3 for EMAPA:18976		

Modified Component 106			
ID	EMAPA:28826	Is Group Term	false
Name	adventitia of bladder		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of		



Modified Component 106			
	bladder(EMAPA:28826)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18321>		
	2. order=5 for EMAPA:18321		

Modified Component 107			
ID	EMAPA:28888	Is Group Term	false
Name	developing vasculature of ovary		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:17962[ovary] EMAPA:31564[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of ovary(EMAPA:28888)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of ovary(EMAPA:28888)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17962>		
	2. order=14 for EMAPA:17962		

Modified Component 108			
ID	EMAPA:29098	Is Group Term	false
Name	primary sex cord		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 108			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17972>		
	2. order=8 for EMAPA:17972		

Modified Component 109			
ID	EMAPA:27625	Is Group Term	false
Name	ureteric tip		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17376[ureteric bud]		
Group Parents			
Synonyms	[ureteric ampulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376), ureteric tip(EMAPA:27625)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376), ureteric tip(EMAPA:27625)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17376>		
	2. order=0 for EMAPA:17376		

Modified Component 110			
ID	EMAPA:27627	Is Group Term	false
Name	ureteric stalk		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17376[ureteric bud]		
Group Parents			
Synonyms	[ureteric trunk]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376), ureteric stalk(EMAPA:27627)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376), ureteric stalk(EMAPA:27627)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 110	
	no order entries; This Component has order entry <1 for EMAPA:17376>
	2. order=1 for EMAPA:17376

Modified Component 111			
ID	EMAPA:27621	Is Group Term	false
Name	cap mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17375[metanephric mesenchyme]		
Group Parents			
Synonyms	[condensed mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375), cap mesenchyme(EMAPA:27621)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375), cap mesenchyme(EMAPA:27621)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17375>		
	2. order=0 for EMAPA:17375		

Modified Component 112			
ID	EMAPA:27623	Is Group Term	false
Name	peripheral blastema		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17375[metanephric mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375), peripheral blastema(EMAPA:27623)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375), peripheral blastema(EMAPA:27623)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17375>		
	2. order=1 for EMAPA:17375		

Modified Component 113			
ID	EMAPA:31367	Is Group Term	false
Name	resident macrophage of the perihilar interstitium		

<b>Modified Component 113</b>			
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:28083[perihilar interstitium]		
Group Parents			
Synonyms	[renal monocytes of the perihilar interstitium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), resident macrophage of the perihilar interstitium(EMAPA:31367)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), resident macrophage of the perihilar interstitium(EMAPA:31367)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), resident macrophage of the perihilar interstitium(EMAPA:31367)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), resident macrophage of the perihilar interstitium(EMAPA:31367)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28083>		
	2. order=1 for EMAPA:28083		

Modified Component 114			
ID	EMAPA:31361	Is Group Term	false
Name	perihilar fibroblast		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:28083[perihilar interstitium]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		

Modified Component 114			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28083>		
	2. order=0 for EMAPA:28083		

Modified Component 115			
ID	EMAPA:29976	Is Group Term	false
Name	endothelial layer of renal artery		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 115			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28373>		
	2. order=0 for EMAPA:28373		

Modified Component 116			
ID	EMAPA:29993	Is Group Term	false
Name	ureteral mesenchyme, rest of		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral mesenchyme, rest of(EMAPA:29993)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral mesenchyme, rest of(EMAPA:29993)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:27711>		
	2. order=4 for EMAPA:27711		

Modified Component 117			
ID	EMAPA:29995	Is Group Term	false
Name	endothelium of renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 117			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28373>		
	2. order=1 for EMAPA:28373		

Modified Component 118			
ID	EMAPA:29990	Is Group Term	false
Name	metanephric mesenchyme		
Starts At	TS17	Ends At	TS17
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephric mesenchyme(EMAPA:29990)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephric mesenchyme(EMAPA:29990)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:16367>		
	2. order=10 for EMAPA:16367		

Modified Component 119			
ID	EMAPA:27617	Is Group Term	false
Name	rostral		



Modified Component 119			
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27615[parametanephric mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27615>		
	2. order=0 for EMAPA:27615		

Modified Component 120			
ID	EMAPA:27615	Is Group Term	false
Name	parametanephric mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[associated mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17366>		
	2. order=2 for EMAPA:17366		

Modified Component 121			
ID	EMAPA:31354	Is Group Term	false
Name	renal medullary nerves		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary nerves(EMAPA:31354)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		



Modified Component 121			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary nerves(EMAPA:31354)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:19279>		
	2. order=8 for EMAPA:19279		

Modified Component 122			
ID	EMAPA:27619	Is Group Term	false
Name	caudal		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27615[parametanephric mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), caudal(EMAPA:27619)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), caudal(EMAPA:27619)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27615>		
	2. order=1 for EMAPA:27615		

Modified Component 123			
ID	EMAPA:31347	Is Group Term	false
Name	renal medullary lymphatics		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary lymphatics(EMAPA:31347)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary lymphatics(EMAPA:31347)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:19279>		
	2. order=7 for EMAPA:19279		

--

Modified Component 124			
ID	EMAPA:27602	Is Group Term	false
Name	nephric duct, pronephric portion		
Starts At	TS17	Ends At	TS17
Primary Parents	EMAPA:28425[nephric duct group] EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, pronephric portion(EMAPA:27602)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, pronephric portion(EMAPA:27602)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, pronephric portion(EMAPA:27602)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, pronephric portion(EMAPA:27602)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28425>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:16367>		
	3. order=8 for EMAPA:16367 order=0 for EMAPA:28425		

Modified Component 125			
ID	EMAPA:27605	Is Group Term	false
Name	ureteric tip		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17209[ureteric bud]		
Group Parents			
Synonyms	[ureteric ampulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209), ureteric tip(EMAPA:27605)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209), ureteric tip(EMAPA:27605)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17209>		

<b>Modified Component 125</b>			
	2. order=0 for EMAPA:17209		

<b>Modified Component 126</b>			
<i>ID</i>	EMAPA:27608	<i>Is Group Term</i>	false
<i>Name</i>	ureteric trunk		
<i>Starts At</i>	TS18	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:17209[ureteric bud]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ureteric stalk]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209), ureteric trunk(EMAPA:27608)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209), ureteric trunk(EMAPA:27608)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17209>		
	2. order=1 for EMAPA:17209		

<b>Modified Component 127</b>			
<i>ID</i>	EMAPA:31340	<i>Is Group Term</i>	false
<i>Name</i>	rest of renal medullary interstitium		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18326[renal medullary interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		

Modified Component 127			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:31340 has End Stage [TS28]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18326>		
	3. order=2 for EMAPA:18326		

Modified Component 128			
ID	EMAPA:29065	Is Group Term	false
Name	primary oocyte of primary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19284[primary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284), primary oocyte of primary follicle(EMAPA:29065)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284), primary oocyte of primary follicle(EMAPA:29065)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19284>		
	2. order=0 for EMAPA:19284		

Modified Component 129			
ID	EMAPA:29067	Is Group Term	false
Name	follicle cell of primary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19284[primary follicle]		
Group Parents			
Synonyms	[granulosa cell of primary follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284), follicle cell of primary follicle(EMAPA:29067)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284), follicle cell of primary follicle(EMAPA:29067)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19284>		

<b>Modified Component 129</b>	
	2. order=1 for EMAPA:19284

<b>Modified Component 130</b>			
<i>ID</i>	EMAPA:29061	<i>Is Group Term</i>	false
<i>Name</i>	muscular layer of lower part of vagina		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18999[lower part of vagina] EMAPA:30997[muscular layer of vagina]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), muscular layer of lower part of vagina(EMAPA:29061)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997), muscular layer of lower part of vagina(EMAPA:29061)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), muscular layer of lower part of vagina(EMAPA:29061)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997), muscular layer of lower part of vagina(EMAPA:29061)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30997> 2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18999> 3. order=1 for EMAPA:18999 order=0 for EMAPA:30997		

<b>Modified Component 131</b>			
<i>ID</i>	EMAPA:31333	<i>Is Group Term</i>	false
<i>Name</i>	resident macrophages of the medulla		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18326[renal medullary interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[renal monocytes of the medulla]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), resident macrophages of the medulla(EMAPA:31333)]		

Modified Component 131			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), resident macrophages of the medulla(EMAPA:31333)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), resident macrophages of the medulla(EMAPA:31333)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), resident macrophages of the medulla(EMAPA:31333)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:31333 has End Stage [TS28]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18326>		
	3. order=1 for EMAPA:18326		

Modified Component 132			
ID	EMAPA:27673	Is Group Term	false
Name	pretubular aggregate		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:31562[nephrogenic zone GROUP] EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pretubular aggregate(EMAPA:27673)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), pretubular aggregate(EMAPA:27673)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pretubular aggregate(EMAPA:27673)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), pretubular aggregate(EMAPA:27673)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17373>		
	2. order=5 for EMAPA:17373		

Modified Component 133			
ID	EMAPA:27671	Is Group Term	false
Name	nephrogenic interstitium		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[peripheral blastema]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic interstitium(EMAPA:27671)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic interstitium(EMAPA:27671)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17373>		
	2. order=3 for EMAPA:17373		

Modified Component 134			
ID	EMAPA:27665	Is Group Term	false
Name	paramesonephric duct		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesonephros]		
Group Parents			
Synonyms	[Mullerian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), paramesonephric duct(EMAPA:27665)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), paramesonephric duct(EMAPA:27665)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27644>		
	2. order=3 for EMAPA:27644		

Modified Component 135			
ID	EMAPA:31326	Is Group Term	false
Name	renal medullary fibroblasts		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:18326[renal medullary interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		



Modified Component 135			
	medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:31326 has End Stage [TS28]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18326>		
	3. order=0 for EMAPA:18326		

Modified Component 136			
ID	EMAPA:27663	Is Group Term	false
Name	nephric duct, mesonephric portion		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesonephros] EMAPA:28429[nephric duct group]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), nephric duct, mesonephric portion(EMAPA:27663)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, mesonephric portion(EMAPA:27663)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, mesonephric portion(EMAPA:27663)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), nephric duct, mesonephric portion(EMAPA:27663)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28429>		
	2. Different Order - Referenced Component has		



Modified Component 136	
	no order entries; This Component has order entry &lt2 for EMAPA:27644>
	3. order=2 for EMAPA:27644 order=0 for EMAPA:28429

Modified Component 137			
ID	EMAPA:27661	Is Group Term	false
Name	mesonephric mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesonephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric mesenchyme(EMAPA:27661)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric mesenchyme(EMAPA:27661)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry &lt0 for EMAPA:27644>		
	2. order=0 for EMAPA:27644		

Modified Component 138			
ID	EMAPA:31312	Is Group Term	false
Name	renal cortical lymphatics		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical lymphatics(EMAPA:31312)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical lymphatics(EMAPA:31312)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry &lt11 for EMAPA:17952>		
	2. order=11 for EMAPA:17952		

Modified Component 139			
ID	EMAPA:31319	Is Group Term	false
Name	renal cortical nerves		

<b>Modified Component 139</b>			
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical nerves(EMAPA:31319)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical nerves(EMAPA:31319)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17952>		
	2. order=12 for EMAPA:17952		

<b>Modified Component 140</b>			
ID	EMAPA:27659	Is Group Term	false
Name	mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesonephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27644>		
	2. order=1 for EMAPA:27644		

<b>Modified Component 141</b>			
ID	EMAPA:27657	Is Group Term	false
Name	posterior gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17385[gonadal mesenchyme]		
Group Parents			
Synonyms	[caudal gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), posterior gonadal mesenchyme(EMAPA:27657)]		

Modified Component 141			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), posterior gonadal mesenchyme(EMAPA:27657)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17385>		
	2. order=2 for EMAPA:17385		

Modified Component 142			
ID	EMAPA:27655	Is Group Term	false
Name	central gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17385[gonadal mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), central gonadal mesenchyme(EMAPA:27655)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), central gonadal mesenchyme(EMAPA:27655)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17385>		
	2. order=1 for EMAPA:17385		

Modified Component 143			
ID	EMAPA:27653	Is Group Term	false
Name	anterior gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17385[gonadal mesenchyme]		
Group Parents			
Synonyms	[rostral gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), anterior gonadal mesenchyme(EMAPA:27653)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), anterior gonadal mesenchyme(EMAPA:27653)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17385>		

<b>Modified Component 143</b>	
	2. order=0 for EMAPA:17385

<b>Modified Component 144</b>			
ID	EMAPA:27644	Is Group Term	false
Name	mesonephros		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17381>		
	2. order=0 for EMAPA:17381		

<b>Modified Component 145</b>			
ID	EMAPA:31304	Is Group Term	false
Name	rest of renal cortical interstitium		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28136[renal cortical interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), rest of renal cortical interstitium(EMAPA:31304)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), rest of renal cortical interstitium(EMAPA:31304)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), rest of renal cortical interstitium(EMAPA:31304)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), rest of renal cortical interstitium(EMAPA:31304)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 145	
	no order entries; This Component has order entry &lt2 for EMAPA:28136>
	2. order=2 for EMAPA:28136

Modified Component 146			
ID	EMAPA:27642	Is Group Term	false
Name	associated mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27638[cloaca]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638), associated mesenchyme(EMAPA:27642)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638), associated mesenchyme(EMAPA:27642)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry &lt1 for EMAPA:27638>		
	2. order=1 for EMAPA:27638		

Modified Component 147			
ID	EMAPA:27640	Is Group Term	false
Name	cloacal epithelium		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27638[cloaca]		
Group Parents			
Synonyms	[distal urethral mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638), cloacal epithelium(EMAPA:27640)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638), cloacal epithelium(EMAPA:27640)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry &lt0 for EMAPA:27638>		
	2. order=0 for EMAPA:27638		

Modified Component 148			
ID	EMAPA:27638	Is Group Term	false
Name	cloaca		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17366[urinary system]		

<b>Modified Component 148</b>			
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), cloaca(EMAPA:27638)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <16 for EMAPA:17366>		
	2. order=16 for EMAPA:17366		

<b>Modified Component 149</b>			
<i>ID</i>	EMAPA:29806	<i>Is Group Term</i>	false
<i>Name</i>	rest of interstitium of anterior prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29802[anterior prostatic interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802), rest of interstitium of anterior prostate(EMAPA:29806)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802), rest of interstitium of anterior prostate(EMAPA:29806)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29802>		
	2. order=1 for EMAPA:29802		

<b>Modified Component 150</b>			
<i>ID</i>	EMAPA:29804	<i>Is Group Term</i>	false
<i>Name</i>	smooth muscle of anterior prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29802[anterior prostatic interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287),		

<b>Modified Component 150</b>			
	anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802), smooth muscle of anterior prostate(EMAPA:29804)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802), smooth muscle of anterior prostate(EMAPA:29804)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29802>		
	2. order=0 for EMAPA:29802		

<b>Modified Component 151</b>			
ID	EMAPA:29802	Is Group Term	false
Name	anterior prostatic interstitium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29794[anterior prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic interstitium(EMAPA:29802)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29794>		
	2. order=1 for EMAPA:29794		

<b>Modified Component 152</b>			
ID	EMAPA:29800	Is Group Term	false
Name	ductal epithelium of anterior prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29796[anterior prostatic epithelium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior		



Modified Component 152			
	prostatic epithelium(EMAPA:29796), ductal epithelium of anterior prostate(EMAPA:29800)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796), ductal epithelium of anterior prostate(EMAPA:29800)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29796>		
	2. order=1 for EMAPA:29796		

Modified Component 153			
ID	EMAPA:30720	Is Group Term	false
Name	surface epithelium of glans clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19170[glans clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of		

Modified Component 153			
	female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:19170&gt;</p> <p>2. order=0 for EMAPA:19170</p>		

Modified Component 154			
ID	EMAPA:30725	Is Group Term	false
Name	mesenchyme of crus of clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19169[crus of clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:19169&gt;</p> <p>2. order=1 for EMAPA:19169</p>		

Modified Component 155			
ID	EMAPA:29808	Is Group Term	false
Name	dorsal prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19287>		
	2. order=1 for EMAPA:19287		

Modified Component 156			
ID	EMAPA:30730	Is Group Term	false
Name	surface epithelium of crus of clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19169[crus of clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of		

Modified Component 156			
	female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19169>		
	2. order=0 for EMAPA:19169		

Modified Component 157			
ID	EMAPA:30749	Is Group Term	false
Name	outer layer of epididymis		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), outer layer of epididymis(EMAPA:30749)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), outer layer of epididymis(EMAPA:30749)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:19290>		
	2. order=4 for EMAPA:19290		

Modified Component 158			
ID	EMAPA:30747	Is Group Term	false
Name	muscle layer of epididymis		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 158			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30747)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30747)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19290>		
	2. order=3 for EMAPA:19290		

Modified Component 159			
ID	EMAPA:30745	Is Group Term	false
Name	surface epithelium of epididymis		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), surface epithelium of epididymis(EMAPA:30745)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), surface epithelium of epididymis(EMAPA:30745)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:19290>		
	2. order=7 for EMAPA:19290		

Modified Component 160			
ID	EMAPA:30751	Is Group Term	false
Name	outer layer of ductus deferens		
Starts At	TS26	Ends At	TS27
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), outer layer of ductus deferens(EMAPA:30751)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), outer layer of ductus		

Modified Component 160			
	deferens(EMAPA:30751)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), outer layer of ductus deferens(EMAPA:30751)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), outer layer of ductus deferens(EMAPA:30751)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18681>		
	2. order=2 for EMAPA:18681		

Modified Component 161			
ID	EMAPA:29009	Is Group Term	false
Name	cortical component of mesenchymal stroma		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28880[mesenchymal stroma of ovary]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28880>		
	2. order=0 for EMAPA:28880		

Modified Component 162			
ID	EMAPA:30757	Is Group Term	false
Name	oocyte of primordial follicle		
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:30755[primordial follicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), oocyte of primordial		

Modified Component 162			
	follicle(EMAPA:30757)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), oocyte of primordial follicle(EMAPA:30757)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30755>		
	2. order=0 for EMAPA:30755		

Modified Component 163			
ID	EMAPA:30755	Is Group Term	false
Name	primordial follicle		
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17962>		
	2. order=5 for EMAPA:17962		

Modified Component 164			
ID	EMAPA:29014	Is Group Term	false
Name	medullary component of mesenchymal stroma		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28880[mesenchymal stroma of ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), medullary component of mesenchymal stroma(EMAPA:29014)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), medullary component of mesenchymal stroma(EMAPA:29014)]		



Modified Component 164			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28880>		
	2. order=1 for EMAPA:28880		

Modified Component 165			
ID	EMAPA:30767	Is Group Term	false
Name	follicle cell of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[tertiary follicle]		
Group Parents			
Synonyms	[granulosa cell of tertiary follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30763>		
	2. order=1 for EMAPA:30763		

Modified Component 166			
ID	EMAPA:30765	Is Group Term	false
Name	oocyte of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[tertiary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), oocyte of tertiary follicle(EMAPA:30765)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), oocyte of tertiary follicle(EMAPA:30765)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30763>		
	2. order=0 for EMAPA:30763		

Modified Component 167			
ID	EMAPA:30769	Is Group Term	false
Name	theca of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[tertiary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), theca of tertiary follicle(EMAPA:30769)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), theca of tertiary follicle(EMAPA:30769)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30763>		
	2. order=3 for EMAPA:30763		

Modified Component 168			
ID	EMAPA:31379	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28396[distal straight tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature		

**Modified Component 168**

nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight

**Modified Component 168**

tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

# Modified Component 168

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

Modified Component 168			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28396>		
	2. order=0 for EMAPA:28396		

Modified Component 169			
ID	EMAPA:29848	Is Group Term	false
Name	rest of interstitium of ventral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29844[ventral prostatic interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive gland(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844), rest of interstitium of ventral prostate(EMAPA:29848)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844), rest of interstitium of ventral prostate(EMAPA:29848)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29844>		
	2. order=1 for EMAPA:29844		

Modified Component 170			
ID	EMAPA:30763	Is Group Term	false
Name	tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[antral follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17962>		



<b>Modified Component 170</b>			
		2. order=8 for EMAPA:17962	

<b>Modified Component 171</b>			
<i>ID</i>	EMAPA:29846	<i>Is Group Term</i>	false
<i>Name</i>	smooth muscle of ventral prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29844[ventral prostatic interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844), smooth muscle of ventral prostate(EMAPA:29846)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844), smooth muscle of ventral prostate(EMAPA:29846)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29844>		
	2. order=0 for EMAPA:29844		

<b>Modified Component 172</b>			
<i>ID</i>	EMAPA:29844	<i>Is Group Term</i>	false
<i>Name</i>	ventral prostatic interstitium		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29836[ventral prostate gland]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29836>		
	2. order=1 for EMAPA:29836		



Modified Component 173			
ID	EMAPA:31373	Is Group Term	false
Name	rest of perihilar interstitium		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:28083[perihilar interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), rest of perihilar interstitium(EMAPA:31373)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), rest of perihilar interstitium(EMAPA:31373)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), rest of perihilar interstitium(EMAPA:31373)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), rest of perihilar interstitium(EMAPA:31373)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28083>		
	2. order=2 for EMAPA:28083		

Modified Component 174			
ID	EMAPA:29852	Is Group Term	false
Name	epithelial layer of crus penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19294[crus penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), epithelial layer of crus penis(EMAPA:29852)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), epithelial layer of crus penis(EMAPA:29852)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 174			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), epithelial layer of crus penis(EMAPA:29852)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), epithelial layer of crus penis(EMAPA:29852)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19294>		
	2. order=2 for EMAPA:19294		

Modified Component 175			
ID	EMAPA:29850	Is Group Term	false
Name	corpus spongiosum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19294[crus penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), corpus spongiosum(EMAPA:29850)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), corpus spongiosum(EMAPA:29850)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), corpus spongiosum(EMAPA:29850)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), corpus spongiosum(EMAPA:29850)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19294>		
	2. order=1 for EMAPA:19294		

Modified Component 176			
ID	EMAPA:30775	Is Group Term	false
Name	mural of tertiary follicle		
Starts At	TS28	Ends At	TS28

<b>Modified Component 176</b>			
Primary Parents	EMAPA:30767[follicle cell of tertiary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), mural of tertiary follicle(EMAPA:30775)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), mural of tertiary follicle(EMAPA:30775)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30767>		
	2. order=1 for EMAPA:30767		

<b>Modified Component 177</b>			
ID	EMAPA:30777	Is Group Term	false
Name	Graafian follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[pre-ovulatory follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17962>		
	2. order=9 for EMAPA:17962		

<b>Modified Component 178</b>			
ID	EMAPA:30779	Is Group Term	false
Name	primary oocyte of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30777[Graafian follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 178			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), primary oocyte of mature follicle(EMAPA:30779)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), primary oocyte of mature follicle(EMAPA:30779)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30777>		
	2. order=0 for EMAPA:30777		

Modified Component 179			
ID	EMAPA:29836	Is Group Term	false
Name	ventral prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:19287>		
	2. order=4 for EMAPA:19287		

Modified Component 180			
ID	EMAPA:31389	Is Group Term	false
Name	resident macrophage of the outer medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28337[outer medullary interstitium]		
Group Parents			
Synonyms	[renal monocytes of the outer medulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 180			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28337>		
	2. order=1 for EMAPA:28337		

Modified Component 181			
ID	EMAPA:29838	Is Group Term	false
Name	ventral prostatic epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29836[ventral prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29836>		
	2. order=0 for EMAPA:29836		

Modified Component 182			
ID	EMAPA:31384	Is Group Term	false
Name	outer medullary fibroblast		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28337[outer medullary interstitium]		
Group Parents			

<b>Modified Component 182</b>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28337>		
	2. order=0 for EMAPA:28337		

<b>Modified Component 183</b>			
<i>ID</i>	EMAPA:30771	<i>Is Group Term</i>	false
<i>Name</i>	antrum of tertiary follicle		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30763[tertiary follicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), antrum of tertiary follicle(EMAPA:30771)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), antrum of tertiary follicle(EMAPA:30771)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30763>		
	2. order=2 for EMAPA:30763		

<b>Modified Component 184</b>			

<b>Modified Component 184</b>			
<i>ID</i>	EMAPA:29832	<i>Is Group Term</i>	false
<i>Name</i>	smooth muscle of lateral prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29830[lateral prostatic interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830), smooth muscle of lateral prostate(EMAPA:29832)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830), smooth muscle of lateral prostate(EMAPA:29832)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29830>		
	2. order=0 for EMAPA:29830		

<b>Modified Component 185</b>			
<i>ID</i>	EMAPA:30773	<i>Is Group Term</i>	false
<i>Name</i>	cumulus of tertiary follicle		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30767[follicle cell of tertiary follicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), cumulus of tertiary follicle(EMAPA:30773)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), cumulus of tertiary follicle(EMAPA:30773)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30767>		
	2. order=0 for EMAPA:30767		

<b>Modified Component 186</b>			
<i>ID</i>	EMAPA:29834	<i>Is Group Term</i>	false



Modified Component 186			
Name	rest of interstitium of lateral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29830[lateral prostatic interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830), rest of interstitium of lateral prostate(EMAPA:29834)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830), rest of interstitium of lateral prostate(EMAPA:29834)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29830>		
	2. order=1 for EMAPA:29830		

Modified Component 187			
ID	EMAPA:29840	Is Group Term	false
Name	glandular epithelium of ventral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29838[ventral prostatic epithelium]		
Group Parents			
Synonyms	[secretory epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838), glandular epithelium of ventral prostate(EMAPA:29840)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838), glandular epithelium of ventral prostate(EMAPA:29840)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29838>		
	2. order=0 for EMAPA:29838		

Modified Component 188			
ID	EMAPA:29842	Is Group Term	false

Modified Component 188			
Name	ductal epithelium of ventral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29838[ventral prostatic epithelium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838), ductal epithelium of ventral prostate(EMAPA:29842)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic epithelium(EMAPA:29838), ductal epithelium of ventral prostate(EMAPA:29842)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29838>		
	2. order=1 for EMAPA:29838		

Modified Component 189			
ID	EMAPA:29034	Is Group Term	false
Name	muscular layer		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		
Group Parents			
Synonyms	[myometrium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), muscular layer(EMAPA:29034)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), muscular layer(EMAPA:29034)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18985>		
	2. order=1 for EMAPA:18985		

Modified Component 190			
ID	EMAPA:29030	Is Group Term	false
Name	epithelium		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		

Modified Component 190			
Group Parents			
Synonyms	[endometrium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), epithelium(EMAPA:29030)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), epithelium(EMAPA:29030)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18985>		
	2. order=0 for EMAPA:18985		

Modified Component 191			
ID	EMAPA:30789	Is Group Term	false
Name	antrum of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30777[Graafian follicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), antrum of mature follicle(EMAPA:30789)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), antrum of mature follicle(EMAPA:30789)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30777>		
	2. order=2 for EMAPA:30777		

Modified Component 192			
ID	EMAPA:30787	Is Group Term	false
Name	theca of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30777[Graafian follicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), theca of mature		

Modified Component 192			
	follicle(EMAPA:30787)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), theca of mature follicle(EMAPA:30787)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30777>		
	2. order=3 for EMAPA:30777		

Modified Component 193			
ID	EMAPA:30785	Is Group Term	false
Name	mural of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30781[germinal cell of mature follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature follicle(EMAPA:30781), mural of mature follicle(EMAPA:30785)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature follicle(EMAPA:30781), mural of mature follicle(EMAPA:30785)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30781>		
	2. order=1 for EMAPA:30781		

Modified Component 194			
ID	EMAPA:29824	Is Group Term	false
Name	lateral prostatic epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29822[lateral prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 194			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29822>		
	2. order=0 for EMAPA:29822		

Modified Component 195			
ID	EMAPA:31394	Is Group Term	false
Name	rest of outer medullary interstitium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28337[outer medullary interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), rest of outer medullary interstitium(EMAPA:31394)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), rest of outer medullary interstitium(EMAPA:31394)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), rest of outer medullary interstitium(EMAPA:31394)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), rest of outer medullary interstitium(EMAPA:31394)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28337>		
	2. order=2 for EMAPA:28337		

Modified Component 196			
ID	EMAPA:30783	Is Group Term	false
Name	cumulus of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30781[germinal cell of mature follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 196			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature follicle(EMAPA:30781), cumulus of mature follicle(EMAPA:30783)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature follicle(EMAPA:30781), cumulus of mature follicle(EMAPA:30783)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30781>		
	2. order=0 for EMAPA:30781		

Modified Component 197			
ID	EMAPA:29822	Is Group Term	false
Name	lateral prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19287>		
	2. order=2 for EMAPA:19287		

Modified Component 198			
ID	EMAPA:30781	Is Group Term	false
Name	germinal cell of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30777[Graafian follicle]		
Group Parents			
Synonyms	[granulosa]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature		

Modified Component 198			
	follicle(EMAPA:30781)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), Graafian follicle(EMAPA:30777), germinal cell of mature follicle(EMAPA:30781)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30777>		
	2. order=1 for EMAPA:30777		

Modified Component 199			
ID	EMAPA:29828	Is Group Term	false
Name	ductal epithelium of lateral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29824[lateral prostatic epithelium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824), ductal epithelium of lateral prostate(EMAPA:29828)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824), ductal epithelium of lateral prostate(EMAPA:29828)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29824>		
	2. order=1 for EMAPA:29824		

Modified Component 200			
ID	EMAPA:29826	Is Group Term	false
Name	glandular epithelium of lateral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29824[lateral prostatic epithelium]		
Group Parents			
Synonyms	[secretory epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824), glandular epithelium of lateral prostate(EMAPA:29826)]		



<b>Modified Component 200</b>			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824), glandular epithelium of lateral prostate(EMAPA:29826)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29824>		
	2. order=0 for EMAPA:29824		

<b>Modified Component 201</b>			
ID	EMAPA:31399	Is Group Term	false
Name	inner medullary fibroblast		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28364[inner medullary interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28364>		
	2. order=0 for EMAPA:28364		

<b>Modified Component 202</b>			
ID	EMAPA:29046	Is Group Term	false
Name	muscle layer of oviduct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		

Modified Component 202			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), muscle layer of oviduct(EMAPA:29046)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), muscle layer of oviduct(EMAPA:29046)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18984>		
	2. order=2 for EMAPA:18984		

Modified Component 203			
ID	EMAPA:29043	Is Group Term	false
Name	epithelial layer of oviduct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), epithelial layer of oviduct(EMAPA:29043)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), epithelial layer of oviduct(EMAPA:29043)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18984>		
	2. order=1 for EMAPA:18984		

Modified Component 204			
ID	EMAPA:29830	Is Group Term	false
Name	lateral prostatic interstitium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29822[lateral prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830)]		

Modified Component 204			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29822>		
	2. order=1 for EMAPA:29822		

Modified Component 205			
ID	EMAPA:29049	Is Group Term	false
Name	outer layer of oviduct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), outer layer of oviduct(EMAPA:29049)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), outer layer of oviduct(EMAPA:29049)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18984>		
	2. order=3 for EMAPA:18984		

Modified Component 206			
ID	EMAPA:29818	Is Group Term	false
Name	smooth muscle of dorsal prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29816[dorsal prostatic interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816), smooth muscle of dorsal prostate(EMAPA:29818)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287),		

Modified Component 206			
	dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816), smooth muscle of dorsal prostate(EMAPA:29818)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29816>		
	2. order=0 for EMAPA:29816		

Modified Component 207			
ID	EMAPA:30797	Is Group Term	false
Name	vasculature of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), vasculature of seminal vesicle(EMAPA:30797)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), vasculature of seminal vesicle(EMAPA:30797)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:19180>		
	2. order=5 for EMAPA:19180		

Modified Component 208			
ID	EMAPA:30799	Is Group Term	false
Name	vasculature of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), vasculature of ejaculatory duct(EMAPA:30799)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), vasculature of ejaculatory duct(EMAPA:30799)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19088>		
	2. order=2 for EMAPA:19088		

Modified Component 209			
ID	EMAPA:30793	Is Group Term	false
Name	vasculature of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), vasculature of ductus deferens(EMAPA:30793)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), vasculature of ductus deferens(EMAPA:30793)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), vasculature of ductus deferens(EMAPA:30793)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), vasculature of ductus deferens(EMAPA:30793)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18681>		
	2. order=5 for EMAPA:18681		

Modified Component 210			
ID	EMAPA:29810	Is Group Term	false
Name	dorsal prostatic epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29808[dorsal prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810)]		

Modified Component 210			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29808>		
	2. order=0 for EMAPA:29808		

Modified Component 211			
ID	EMAPA:30795	Is Group Term	false
Name	vasculature of epididymis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), vasculature of epididymis(EMAPA:30795)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), vasculature of epididymis(EMAPA:30795)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:19290>		
	2. order=6 for EMAPA:19290		

Modified Component 212			
ID	EMAPA:29812	Is Group Term	false
Name	glandular epithelium of dorsal prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29810[dorsal prostatic epithelium]		
Group Parents			
Synonyms	[secretory epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), glandular epithelium of dorsal prostate(EMAPA:29812)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), glandular epithelium of dorsal prostate(EMAPA:29812)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29810>		

<b>Modified Component 212</b>			
		2. order=0 for EMAPA:29810	

<b>Modified Component 213</b>			
<i>ID</i>	EMAPA:29814	<i>Is Group Term</i>	false
<i>Name</i>	ductal epithelium of dorsal prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29810[dorsal prostatic epithelium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), ductal epithelium of dorsal prostate(EMAPA:29814)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), ductal epithelium of dorsal prostate(EMAPA:29814)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29810>		
	2. order=1 for EMAPA:29810		

<b>Modified Component 214</b>			
<i>ID</i>	EMAPA:30791	<i>Is Group Term</i>	false
<i>Name</i>	vasculature of scrotum		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19296[scrotum]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		



Modified Component 214			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19296>		
	2. order=3 for EMAPA:19296		

Modified Component 215			
ID	EMAPA:29816	Is Group Term	false
Name	dorsal prostatic interstitium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29808[dorsal prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29808>		
	2. order=1 for EMAPA:29808		

Modified Component 216			
ID	EMAPA:29055	Is Group Term	false
Name	muscular layer of upper part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30997[muscular layer of vagina] EMAPA:18987[upper part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), muscular layer of upper part of vagina(EMAPA:29055)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997), muscular layer of upper part of vagina(EMAPA:29055)]		

Modified Component 216			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), muscular layer of upper part of vagina(EMAPA:29055)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997), muscular layer of upper part of vagina(EMAPA:29055)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18987>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30997>		
	3. order=1 for EMAPA:18987 order=1 for EMAPA:30997		

Modified Component 217			
ID	EMAPA:29058	Is Group Term	false
Name	epithelial layer of lower part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30991[epithelium of vagina] EMAPA:18999[lower part of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18999>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30991>		

<b>Modified Component 217</b>	
	3. order=0 for EMAPA:18999 order=0 for EMAPA:30991

<b>Modified Component 218</b>			
<i>ID</i>	EMAPA:29820	<i>Is Group Term</i>	false
<i>Name</i>	rest of interstitium of dorsal prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29816[dorsal prostatic interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816), rest of interstitium of dorsal prostate(EMAPA:29820)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816), rest of interstitium of dorsal prostate(EMAPA:29820)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29816>		
	2. order=1 for EMAPA:29816		

<b>Modified Component 219</b>			
<i>ID</i>	EMAPA:29052	<i>Is Group Term</i>	false
<i>Name</i>	epithelial layer of upper part of vagina		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18987[upper part of vagina] EMAPA:30991[epithelium of vagina]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), epithelial layer of upper part of vagina(EMAPA:29052)]		

<b>Modified Component 219</b>			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of upper part of vagina(EMAPA:29052)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18987>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30991>		
	3. order=0 for EMAPA:18987 order=1 for EMAPA:30991		

<b>Modified Component 220</b>			
ID	EMAPA:28759	Is Group Term	false
Name	epithelial layer of pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), epithelial layer of pelvic urethra of female(EMAPA:28759)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), epithelial layer of pelvic urethra of female(EMAPA:28759)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28753>		
	2. order=0 for EMAPA:28753		

<b>Modified Component 221</b>			
ID	EMAPA:28753	Is Group Term	false
Name	pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28747[urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of		

Modified Component 221			
	female(EMAPA:28753)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28747>		
	2. order=0 for EMAPA:28747		

Modified Component 222			
ID	EMAPA:28747	Is Group Term	false
Name	urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17366>		
	2. order=14 for EMAPA:17366		

Modified Component 223			
ID	EMAPA:28709	Is Group Term	false
Name	muscle layer of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18995>		
	2. order=2 for EMAPA:18995		

Modified Component 224			
ID	EMAPA:28703	Is Group Term	false

Modified Component 224			
Name	mesenchymal layer of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18995>		
	2. order=1 for EMAPA:18995		

Modified Component 225			
ID	EMAPA:18331	Is Group Term	false
Name	mediastinum testis		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), mediastinum testis(EMAPA:18331)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), mediastinum testis(EMAPA:18331)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17972>		
	2. order=6 for EMAPA:17972		

Modified Component 226			
ID	EMAPA:18332	Is Group Term	false
Name	rete testis		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 226			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), rete testis(EMAPA:18332)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), rete testis(EMAPA:18332)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17972>		
	2. order=1 for EMAPA:17972		

Modified Component 227			
ID	EMAPA:18326	Is Group Term	false
Name	renal medullary interstitium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:19279[renal medulla] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[medullary stroma]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:18326 has End Stage [TS28]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19279>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:28518>		
	4. order=7 for EMAPA:28518 order=2 for EMAPA:19279		

Modified Component 228			
ID	EMAPA:18329	Is Group Term	false
Name	labial swelling		



<b>Modified Component 228</b>			
<i>Starts At</i>	TS24	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:17959[female reproductive system] EMAPA:30984[female external genitalia]		
<i>Group Parents</i>			
<i>Synonyms</i>	[labia]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17959>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30984>		
	3. order=14 for EMAPA:17959 order=3 for EMAPA:30984		

<b>Modified Component 229</b>			
<i>ID</i>	EMAPA:18328	<i>Is Group Term</i>	false
<i>Name</i>	Mllerian tubercle		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28540[female associated reproductive structure] EMAPA:17959[female reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), Mllerian tubercle(EMAPA:18328)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), Mllerian tubercle(EMAPA:18328)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), Mllerian		

<b>Modified Component 229</b>			
	tubercle(EMAPA:18328)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), Mllerian tubercle(EMAPA:18328)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28540>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17959>		
	3. order=7 for EMAPA:17959 order=1 for EMAPA:28540		

<b>Modified Component 230</b>			
ID	EMAPA:31409	Is Group Term	false
Name	rest of inner medullary interstitium		
Starts At	TS25	Ends At	TS26
Primary Parents	EMAPA:28364[inner medullary interstitium]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), rest of inner medullary interstitium(EMAPA:31409)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), rest of inner medullary interstitium(EMAPA:31409)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), rest of inner medullary interstitium(EMAPA:31409)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), rest of inner medullary interstitium(EMAPA:31409)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28364>		
	2. order=2 for EMAPA:28364		

<b>Modified Component 231</b>			
ID	EMAPA:31404	Is Group Term	false
Name	resident macrophage of the inner medulla		

<b>Modified Component 231</b>			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28364[inner medullary interstitium]		
Group Parents			
Synonyms	[renal monocytes of the inner medulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), resident macrophage of the inner medulla(EMAPA:31404)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), resident macrophage of the inner medulla(EMAPA:31404)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), resident macrophage of the inner medulla(EMAPA:31404)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), resident macrophage of the inner medulla(EMAPA:31404)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28364>		
	2. order=1 for EMAPA:28364		

<b>Modified Component 232</b>			
ID	EMAPA:27708	Is Group Term	false
Name	epithelial layer of ureter		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), epithelial layer of ureter(EMAPA:27708)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), epithelial layer of ureter(EMAPA:27708)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17950>		
	2. order=1 for EMAPA:17950		

--

Modified Component 233			
ID	EMAPA:28765	Is Group Term	false
Name	mesenchymal layer of pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28753>		
	2. order=1 for EMAPA:28753		

Modified Component 234			
ID	EMAPA:28771	Is Group Term	false
Name	muscle layer of pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28753>		
	2. order=2 for EMAPA:28753		

Modified Component 235			
ID	EMAPA:19089	Is Group Term	false
Name	gubernaculum		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28533[male associated reproductive structure] EMAPA:17968[male reproductive system]		
Group Parents			

Modified Component 235			
Synonyms	[caudal suspensory ligament]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), gubernaculum(EMAPA:19089)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), gubernaculum(EMAPA:19089)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), gubernaculum(EMAPA:19089)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), gubernaculum(EMAPA:19089)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <18 for EMAPA:17968>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28533>		
	3. order=18 for EMAPA:17968 order=2 for EMAPA:28533		

Modified Component 236			
ID	EMAPA:19088	Is Group Term	false
Name	ejaculatory duct		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <16 for EMAPA:17968>		
	2. order=16 for EMAPA:17968		

Modified Component 237			
ID	EMAPA:19085	Is Group Term	false
Name	suspensory ligament of ovary		
Starts At	TS23	Ends At	TS28

Modified Component 237			
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), suspensory ligament of ovary(EMAPA:19085)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), suspensory ligament of ovary(EMAPA:19085)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17959>		
	2. order=6 for EMAPA:17959		

Modified Component 238			
ID	EMAPA:19087	Is Group Term	false
Name	appendix testis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), appendix testis(EMAPA:19087)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), appendix testis(EMAPA:19087)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17968>		
	2. order=15 for EMAPA:17968		

Modified Component 239			
ID	EMAPA:19086	Is Group Term	false
Name	appendix epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), appendix epididymis(EMAPA:19086)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 239			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), appendix epididymis(EMAPA:19086)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17968>		
	2. order=14 for EMAPA:17968		

Modified Component 240			
ID	EMAPA:29882	Is Group Term	false
Name	theca of ruptured follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29880[ruptured follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), theca of ruptured follicle(EMAPA:29882)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), theca of ruptured follicle(EMAPA:29882)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29880>		
	2. order=2 for EMAPA:29880		

Modified Component 241			
ID	EMAPA:29880	Is Group Term	false
Name	ruptured follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ovulated follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry		



Modified Component 241	
	<10 for EMAPA:17962>
	2. order=10 for EMAPA:17962

Modified Component 242			
ID	EMAPA:29886	Is Group Term	false
Name	corpus luteum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), corpus luteum(EMAPA:29886)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), corpus luteum(EMAPA:29886)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17962>		
	2. order=11 for EMAPA:17962		

Modified Component 243			
ID	EMAPA:29884	Is Group Term	false
Name	germinal cell of ruptured follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29880[ruptured follicle]		
Group Parents			
Synonyms	[granulosa]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), germinal cell of ruptured follicle(EMAPA:29884)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880), germinal cell of ruptured follicle(EMAPA:29884)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29880>		
	2. order=0 for EMAPA:29880		

Modified Component 244			
ID	EMAPA:29878	Is Group Term	false

Modified Component 244			
Name	apoptotic germinal cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29874[atretic follicle]		
Group Parents			
Synonyms	[apoptotic granulosa]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), apoptotic germinal cell(EMAPA:29878)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), apoptotic germinal cell(EMAPA:29878)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29874>		
	2. order=1 for EMAPA:29874		

Modified Component 245			
ID	EMAPA:29876	Is Group Term	false
Name	oocyte of atretic follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29874[atretic follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), oocyte of atretic follicle(EMAPA:29876)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874), oocyte of atretic follicle(EMAPA:29876)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29874>		
	2. order=0 for EMAPA:29874		

Modified Component 246			
ID	EMAPA:27721	Is Group Term	false
Name	nephrogenic zone		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			

Modified Component 246			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17373>		
	2. order=1 for EMAPA:17373		

Modified Component 247			
ID	EMAPA:31469	Is Group Term	true
Name	small blood vessels		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <27 for EMAPA:17373>		
	2. order=27 for EMAPA:17373		

Modified Component 248			
ID	EMAPA:29897	Is Group Term	false
Name	infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897)]		

Modified Component 248			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18984>		
	2. order=0 for EMAPA:18984		

Modified Component 249			
ID	EMAPA:31450	Is Group Term	true
Name	renal venous system		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <26 for EMAPA:17366>		
	2. order=26 for EMAPA:17366		

Modified Component 250			
ID	EMAPA:29888	Is Group Term	false
Name	corpus albicans		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), corpus albicans(EMAPA:29888)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), corpus albicans(EMAPA:29888)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17962>		
	2. order=13 for EMAPA:17962		

Modified Component 251			
ID	EMAPA:27711	Is Group Term	false
Name	ureteral mesenchyme		

<b>Modified Component 251</b>			
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17950>		
	2. order=4 for EMAPA:17950		

<b>Modified Component 252</b>			
ID	EMAPA:29864	Is Group Term	false
Name	oocyte of secondary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29862[secondary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), oocyte of secondary follicle(EMAPA:29864)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), oocyte of secondary follicle(EMAPA:29864)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29862>		
	2. order=0 for EMAPA:29862		

<b>Modified Component 253</b>			
ID	EMAPA:29862	Is Group Term	false
Name	secondary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[antral follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 253			
	system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17962>		
	2. order=7 for EMAPA:17962		

Modified Component 254			
ID	EMAPA:29860	Is Group Term	false
Name	rest of glans penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18988>		
	2. order=4 for EMAPA:18988		

Modified Component 255			
ID	EMAPA:31488	Is Group Term	false
Name	spermatozoan		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Seminiferous tubule]		

Modified Component 255			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatozoan(EMAPA:31488)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatozoan(EMAPA:31488)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:31476>		
	2. order=4 for EMAPA:31476		

Modified Component 256			
ID	EMAPA:29858	Is Group Term	false
Name	epithelial layer of glans penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:29858)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:29858)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:29858)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:29858)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18988>		
	2. order=0 for EMAPA:18988		



Modified Component 257			
ID	EMAPA:31486	Is Group Term	false
Name	spermatid		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Seminiferous tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatid(EMAPA:31486)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatid(EMAPA:31486)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:31476>		
	2. order=3 for EMAPA:31476		

Modified Component 258			
ID	EMAPA:29856	Is Group Term	false
Name	corpus spongiosum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18988>		

<b>Modified Component 258</b>			
	2.	order=2 for EMAPA:18988	

<b>Modified Component 259</b>			
<i>ID</i>	EMAPA:31484	<i>Is Group Term</i>	false
<i>Name</i>	spermatocyte		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:31476[Seminiferous tubule]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatocyte(EMAPA:31484)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatocyte(EMAPA:31484)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31476>		
	2. order=2 for EMAPA:31476		

<b>Modified Component 260</b>			
<i>ID</i>	EMAPA:29854	<i>Is Group Term</i>	false
<i>Name</i>	rest of crus penis		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19294[crus penis]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), rest of crus penis(EMAPA:29854)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), rest of crus penis(EMAPA:29854)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), rest of crus penis(EMAPA:29854)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

<b>Modified Component 260</b>			
	system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), rest of crus penis(EMAPA:29854)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:19294>		
	2. order=4 for EMAPA:19294		

<b>Modified Component 261</b>			
ID	EMAPA:31482	Is Group Term	false
Name	spermatogonium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Seminiferous tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatogonium(EMAPA:31482)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), spermatogonium(EMAPA:31482)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31476>		
	2. order=1 for EMAPA:31476		

<b>Modified Component 262</b>			
ID	EMAPA:27749	Is Group Term	false
Name	ureteric tip		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:27721[nephrogenic zone] EMAPA:28477[primitive collecting duct group] EMAPA:28407[collecting duct]		
Group Parents			
Synonyms	[ureteric ampulla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tip(EMAPA:27749)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric tip(EMAPA:27749)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tip(EMAPA:27749)]		

Modified Component 262			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tip(EMAPA:27749)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric tip(EMAPA:27749)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tip(EMAPA:27749)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28407>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28477>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27721>		
	4. order=3 for EMAPA:27721 order=0 for EMAPA:28407 order=0 for EMAPA:28477		

Modified Component 263			
ID	EMAPA:27742	Is Group Term	false
Name	pretubular aggregate		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:27721[nephrogenic zone]		
Group Parents			
Synonyms	[pretubular condensate]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), pretubular aggregate(EMAPA:27742)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), pretubular aggregate(EMAPA:27742)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27721>		
	2. order=2 for EMAPA:27721		

Modified Component 264			
ID	EMAPA:29872	Is Group Term	false
Name	theca of secondary follicle		
Starts At	TS28	Ends At	TS28

<b>Modified Component 264</b>			
Primary Parents	EMAPA:29862[secondary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), theca of secondary follicle(EMAPA:29872)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), theca of secondary follicle(EMAPA:29872)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29862>		
	2. order=2 for EMAPA:29862		

<b>Modified Component 265</b>			
ID	EMAPA:31480	Is Group Term	false
Name	peritubular myoid cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Seminiferous tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), peritubular myoid cell(EMAPA:31480)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), peritubular myoid cell(EMAPA:31480)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:31476>		
	2. order=5 for EMAPA:31476		

<b>Modified Component 266</b>			
ID	EMAPA:29874	Is Group Term	false
Name	atretic follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 266			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), atretic follicle(EMAPA:29874)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17962>		
	2. order=12 for EMAPA:17962		

Modified Component 267			
ID	EMAPA:29870	Is Group Term	false
Name	mural		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29866[follicle cell of secondary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866), mural(EMAPA:29870)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866), mural(EMAPA:29870)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29866>		
	2. order=1 for EMAPA:29866		

Modified Component 268			
ID	EMAPA:31476	Is Group Term	false
Name	Seminiferous tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972),		

Modified Component 268			
	Seminiferous tubule(EMAPA:31476)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17972>		
	2. order=5 for EMAPA:17972		

Modified Component 269			
ID	EMAPA:31478	Is Group Term	false
Name	Sertoli cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Seminiferous tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), Sertoli cell(EMAPA:31478)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), Seminiferous tubule(EMAPA:31476), Sertoli cell(EMAPA:31478)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31476>		
	2. order=0 for EMAPA:31476		

Modified Component 270			
ID	EMAPA:29866	Is Group Term	false
Name	follicle cell of secondary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29862[secondary follicle]		
Group Parents			
Synonyms	[granulosa cell of secondary follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29862>		



Modified Component 270			
		2.	order=1 for EMAPA:29862

Modified Component 271			
ID	EMAPA:29868	Is Group Term	false
Name	cumulus		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29866[follicle cell of secondary follicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866), cumulus(EMAPA:29868)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), secondary follicle(EMAPA:29862), follicle cell of secondary follicle(EMAPA:29866), cumulus(EMAPA:29868)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29866>		
	2. order=0 for EMAPA:29866		

Modified Component 272			
ID	EMAPA:27735	Is Group Term	false
Name	cap mesenchyme		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:27721[nephrogenic zone]		
Group Parents			
Synonyms	[condensed mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), cap mesenchyme(EMAPA:27735)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), cap mesenchyme(EMAPA:27735)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27721>		
	2. order=1 for EMAPA:27721		

Modified Component 273			
ID	EMAPA:27770	Is Group Term	false
Name	capillary loop renal corpuscle		
Starts At	TS21	Ends At	TS21

Modified Component 273			
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[renal corpuscle of the stage III nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17373>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17954>		
	3. order=10 for EMAPA:17373 order=7 for EMAPA:17954		

Modified Component 274			
ID	EMAPA:27772	Is Group Term	false
Name	visceral epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27770[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), visceral epithelium(EMAPA:27772)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), visceral epithelium(EMAPA:27772)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), visceral epithelium(EMAPA:27772)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

<b>Modified Component 274</b>			
	system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), visceral epithelium(EMAPA:27772)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:27770>		
	2. order=4 for EMAPA:27770		

<b>Modified Component 275</b>			
ID	EMAPA:27774	Is Group Term	false
Name	parietal epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27770[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), parietal epithelium(EMAPA:27774)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), parietal epithelium(EMAPA:27774)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), parietal epithelium(EMAPA:27774)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), parietal epithelium(EMAPA:27774)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27770>		
	2. order=1 for EMAPA:27770		

<b>Modified Component 276</b>			
ID	EMAPA:31426	Is Group Term	false
Name	periarterial fibroblasts of cortex		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31288[renal cortical fibroblasts]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical		

Modified Component 276			
	interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31426)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31426)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31426)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31426)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:31288&gt;</p> <p>2. order=0 for EMAPA:31288</p>		

Modified Component 277			
ID	EMAPA:27764	Is Group Term	false
Name	proximal segment of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		
Group Parents			
Synonyms	[lower limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 277	
	no order entries; This Component has order entry <3 for EMAPA:27756>
	2. order=3 for EMAPA:27756

Modified Component 278			
ID	EMAPA:31424	Is Group Term	false
Name	peritubular fibroblasts of cortex		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31288[renal cortical fibroblasts]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), peritubular fibroblasts of cortex(EMAPA:31424)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), peritubular fibroblasts of cortex(EMAPA:31424)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), peritubular fibroblasts of cortex(EMAPA:31424)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), peritubular fibroblasts of cortex(EMAPA:31424)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31288>		
	2. order=1 for EMAPA:31288		

Modified Component 279			
ID	EMAPA:27766	Is Group Term	false
Name	visceral epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27764[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), visceral		

Modified Component 279			
	epithelium(EMAPA:27766)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), visceral epithelium(EMAPA:27766)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), visceral epithelium(EMAPA:27766)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), visceral epithelium(EMAPA:27766)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27764> 2. order=0 for EMAPA:27764		

Modified Component 280			
ID	EMAPA:27768	Is Group Term	false
Name	parietal epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27764[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 280	
	no order entries; This Component has order entry <1 for EMAPA:27764>
	2. order=1 for EMAPA:27764

Modified Component 281			
ID	EMAPA:31428	Is Group Term	false
Name	peritubular fibroblasts of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31384[outer medullary fibroblast]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), peritubular fibroblasts of outer medulla(EMAPA:31428)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), peritubular fibroblasts of outer medulla(EMAPA:31428)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), peritubular fibroblasts of outer medulla(EMAPA:31428)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), peritubular fibroblasts of outer medulla(EMAPA:31428)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31384>		
	2. order=1 for EMAPA:31384		

Modified Component 282			
ID	EMAPA:27762	Is Group Term	false
Name	medial segment of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		
Group Parents			
Synonyms	[mid-portion of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), medial segment of s-shaped		



Modified Component 282			
	body(EMAPA:27762)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), medial segment of s-shaped body(EMAPA:27762)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), medial segment of s-shaped body(EMAPA:27762)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), medial segment of s-shaped body(EMAPA:27762)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27756> 2. order=2 for EMAPA:27756		

Modified Component 283			
ID	EMAPA:27760	Is Group Term	false
Name	distal segment of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		
Group Parents			
Synonyms	[upper limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), distal segment of s-shaped body(EMAPA:27760)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), distal segment of s-shaped body(EMAPA:27760)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), distal segment of s-shaped body(EMAPA:27760)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), distal segment of s-shaped body(EMAPA:27760)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27756> 2. order=1 for EMAPA:27756		

--

Modified Component 284			
ID	EMAPA:27756	Is Group Term	false
Name	s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[stage II nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17954>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17373>		
	3. order=9 for EMAPA:17373 order=5 for EMAPA:17954		

Modified Component 285			
ID	EMAPA:31414	Is Group Term	true
Name	medullary renal tubule		
Starts At	TS22	Ends At	TS24
Primary Parents			
Group Parents	EMAPA:28049[immature loop of Henle]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

Modified Component 285			
	stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28049>		
	2. order=3 for EMAPA:28049		

Modified Component 286			
ID	EMAPA:31418	Is Group Term	false
Name	rest of medullary renal tubule		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:28049[immature loop of Henle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), rest of medullary renal tubule(EMAPA:31418)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), rest of medullary renal tubule(EMAPA:31418)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), rest of medullary renal tubule(EMAPA:31418)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), rest of medullary renal tubule(EMAPA:31418)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28049>		
	2. order=2 for EMAPA:28049		

Modified Component 287			
ID	EMAPA:27758	Is Group Term	false
Name	renal connecting tubule of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		

Modified Component 287			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), renal connecting tubule of s-shaped body(EMAPA:27758)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), renal connecting tubule of s-shaped body(EMAPA:27758)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), renal connecting tubule of s-shaped body(EMAPA:27758)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), renal connecting tubule of s-shaped body(EMAPA:27758)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27756>		
	2. order=0 for EMAPA:27756		

Modified Component 288			
ID	EMAPA:27794	Is Group Term	false
Name	developing vasculature of metanephros		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:31563[developing vasculature of urinary system GROUP] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), developing vasculature of metanephros(EMAPA:27794)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of metanephros(EMAPA:27794)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 288			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of metanephros(EMAPA:27794)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), developing vasculature of metanephros(EMAPA:27794)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17373>		
	2. order=13 for EMAPA:17373		

Modified Component 289			
ID	EMAPA:27790	Is Group Term	false
Name	renal connecting tubule		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27782[renal tubule]		
Group Parents			
Synonyms	[renal connecting tubule of capillary loop nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), renal connecting tubule(EMAPA:27790)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), renal connecting tubule(EMAPA:27790)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), renal connecting tubule(EMAPA:27790)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), renal connecting tubule(EMAPA:27790)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27782>		

<b>Modified Component 289</b>			
		2. order=3 for EMAPA:27782	

  

<b>Modified Component 290</b>			
ID	EMAPA:30711	Is Group Term	false
Name	preputial gland of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:30699[prepuce of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30699>		
	2. order=1 for EMAPA:30699		

<b>Modified Component 291</b>			
<i>ID</i>	EMAPA:30715	<i>Is Group Term</i>	false
<i>Name</i>	mesenchyme of glans clitoris		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:19170[glans clitoris]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19170>		
	2. order=1 for EMAPA:19170		

<b>Modified Component 292</b>			
<i>ID</i>	EMAPA:27786	<i>Is Group Term</i>	false
<i>Name</i>	anlage of the loop of Henle		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:27782[renal tubule]		
<i>Group Parents</i>			



Modified Component 292			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), anlage of the loop of Henle(EMAPA:27786)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), anlage of the loop of Henle(EMAPA:27786)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), anlage of the loop of Henle(EMAPA:27786)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), anlage of the loop of Henle(EMAPA:27786)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27782>		
	2. order=1 for EMAPA:27782		

Modified Component 293			
ID	EMAPA:27788	Is Group Term	false
Name	early distal tubule		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27782[renal tubule]		
Group Parents			
Synonyms	[early distal tubule of capillary loop nephron ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), early distal tubule(EMAPA:27788)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), early distal tubule(EMAPA:27788)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), early distal tubule(EMAPA:27788)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), early distal tubule(EMAPA:27788)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 293	
	no order entries; This Component has order entry <2 for EMAPA:27782>
	2. order=2 for EMAPA:27782

Modified Component 294			
ID	EMAPA:31443	Is Group Term	true
Name	renal capillaries		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <28 for EMAPA:17373>		
	2. order=28 for EMAPA:17373		

Modified Component 295			
ID	EMAPA:29899	Is Group Term	false
Name	epithelial layer of infundibulum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29897[infundibulum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), epithelial layer of infundibulum(EMAPA:29899)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), infundibulum(EMAPA:29897), epithelial layer of infundibulum(EMAPA:29899)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29897>		
	2. order=0 for EMAPA:29897		

Modified Component 296			
ID	EMAPA:27784	Is Group Term	false
Name	early proximal tubule		

Modified Component 296			
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27782[renal tubule]		
Group Parents			
Synonyms	[early proximal tubule of capillary loop nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), early proximal tubule(EMAPA:27784)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), early proximal tubule(EMAPA:27784)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782), early proximal tubule(EMAPA:27784)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782), early proximal tubule(EMAPA:27784)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27782>		
	2. order=0 for EMAPA:27782		

Modified Component 297			
ID	EMAPA:30707	Is Group Term	false
Name	prepuce surface epithelium of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:30699[prepuce of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of		

Modified Component 297			
	female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce surface epithelium of female(EMAPA:30707)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30699>		
	2. order=0 for EMAPA:30699		

Modified Component 298			
ID	EMAPA:27782	Is Group Term	false
Name	renal tubule		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[renal tubule of capillary loop nephron ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17373>		

<b>Modified Component 298</b>	
	2. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17954>
	3. order=11 for EMAPA:17373 order=11 for EMAPA:17954

<b>Modified Component 299</b>			
<i>ID</i>	EMAPA:27780	<i>Is Group Term</i>	false
<i>Name</i>	presumptive endothelium of renal corpuscle		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:28457[renal vasculature] EMAPA:27770[capillary loop renal corpuscle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED

Modified Component 299	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27770>
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28457>
	3. order=2 for EMAPA:27770 order=3 for EMAPA:28457

Modified Component 300			
ID	EMAPA:18323	Is Group Term	false
Name	urachus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urachus(EMAPA:18323)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urachus(EMAPA:18323)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17366>		
	2. order=11 for EMAPA:17366		

Modified Component 301			
ID	EMAPA:30703	Is Group Term	false
Name	prepuce mesenchyme of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:30699[prepuce of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of		

Modified Component 301			
	female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30699>		
	2. order=2 for EMAPA:30699		

Modified Component 302			
ID	EMAPA:27778	Is Group Term	false
Name	presumptive mesangium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27770[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive mesangium(EMAPA:27778)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive mesangium(EMAPA:27778)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive mesangium(EMAPA:27778)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive mesangium(EMAPA:27778)]		
Rule Status	PASSED	Edit Status	CHANGED



Modified Component 302	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27770>
	2. order=3 for EMAPA:27770

Modified Component 303			
ID	EMAPA:31436	Is Group Term	true
Name	renal arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <25 for EMAPA:17366>		
	2. order=25 for EMAPA:17366		

Modified Component 304			
ID	EMAPA:27776	Is Group Term	false
Name	associated interstitium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27770[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), associated interstitium(EMAPA:27776)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), associated interstitium(EMAPA:27776)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), associated interstitium(EMAPA:27776)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), associated interstitium(EMAPA:27776)]		

Modified Component 304			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27770>		
	2. order=0 for EMAPA:27770		

Modified Component 305			
ID	EMAPA:18321	Is Group Term	false
Name	bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17366>		
	2. order=10 for EMAPA:17366		

Modified Component 306			
ID	EMAPA:31432	Is Group Term	false
Name	peritubular fibroblasts of inner medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31399[inner medullary fibroblast]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 306			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31399>		
	2. order=1 for EMAPA:31399		

Modified Component 307			
ID	EMAPA:31434	Is Group Term	false
Name	periarterial fibroblasts of inner medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31399[inner medullary fibroblast]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31399>		
	2. order=0 for EMAPA:31399		

Modified Component 308			
ID	EMAPA:31430	Is Group Term	false
Name	periarterial fibroblasts of outer medulla		
Starts At	TS28	Ends At	TS28

Modified Component 308			
Primary Parents	EMAPA:31384[outer medullary fibroblast]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31384>		
	2. order=0 for EMAPA:31384		

Modified Component 309			
ID	EMAPA:30429	Is Group Term	false
Name	surface epithelium of labioscrotal swelling of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:30423[labioscrotal swelling of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423), surface epithelium of labioscrotal swelling of female(EMAPA:30429)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423), surface epithelium of labioscrotal swelling of female(EMAPA:30429)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

<b>Modified Component 309</b>			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423), surface epithelium of labioscrotal swelling of female(EMAPA:30429)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423), surface epithelium of labioscrotal swelling of female(EMAPA:30429)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30423>		
	2. order=0 for EMAPA:30423		

<b>Modified Component 310</b>			
ID	EMAPA:30426	Is Group Term	false
Name	mesenchyme of labioscrotal swelling of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:30423[labioscrotal swelling of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30423>		
	2. order=1 for EMAPA:30423		

<b>Modified Component 311</b>			
ID	EMAPA:30423	Is Group Term	false

<b>Modified Component 311</b>			
Name	labioscrotal swelling of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system] EMAPA:30984[female external genitalia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17959> 2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30984> 3. order=15 for EMAPA:17959 order=2 for EMAPA:30984		

<b>Modified Component 312</b>			
ID	EMAPA:16103	Is Group Term	false
Name	organ system		
Starts At	TS11	Ends At	TS28
Primary Parents	EMAPA:16039[embryo] EMAPA:25765[mouse]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:25765> 2. order=0 for EMAPA:25765		

<b>Modified Component 313</b>			

Modified Component 313			
ID	EMAPA:30433	Is Group Term	false
Name	mesenchymal layer of labial swelling		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18329[labial swelling]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18329>		
	2. order=1 for EMAPA:18329		

Modified Component 314			
ID	EMAPA:30438	Is Group Term	false
Name	surface epithelium of labial swelling		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18329[labial swelling]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), surface epithelium of labial swelling(EMAPA:30438)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), surface epithelium of labial swelling(EMAPA:30438)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		



Modified Component 314			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), surface epithelium of labial swelling(EMAPA:30438)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), surface epithelium of labial swelling(EMAPA:30438)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18329>		
	2. order=0 for EMAPA:18329		

Modified Component 315			
ID	EMAPA:29316	Is Group Term	false
Name	scrotal fold		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:30977[male external genitalia] EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <22 for EMAPA:17968>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30977>		
	3. order=22 for EMAPA:17968 order=3 for EMAPA:30977		

Modified Component 316			
ID	EMAPA:29321	Is Group Term	false
Name	glandular tissue of seminal vesicle		
Starts At	TS25	Ends At	TS27

Modified Component 316			
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), glandular tissue of seminal vesicle(EMAPA:29321)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), glandular tissue of seminal vesicle(EMAPA:29321)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19180>		
	2. order=2 for EMAPA:19180		

Modified Component 317			
ID	EMAPA:30484	Is Group Term	false
Name	distal genital tubercle of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[glans of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		

Modified Component 317			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18680>		
	2. order=4 for EMAPA:18680		

Modified Component 318			
ID	EMAPA:30487	Is Group Term	false
Name	mesenchyme of distal genital tubercle of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30484[distal genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external		

Modified Component 318			
	genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30484>		
	2. order=1 for EMAPA:30484		

Modified Component 319			
ID	EMAPA:30490	Is Group Term	false
Name	surface epithelium of distal genital tubercle of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30484[distal genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		

Modified Component 319			
	genital tubercle of female(EMAPA:30490)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30484>		
	2. order=0 for EMAPA:30484		

Modified Component 320			
ID	EMAPA:30493	Is Group Term	false
Name	mesenchyme of female preputial swelling		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[preputial swelling of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 320	
	no order entries; This Component has order entry <2 for EMAPA:30478>
	2. order=2 for EMAPA:30478

Modified Component 321			
ID	EMAPA:30499	Is Group Term	false
Name	preputial gland of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[preputial swelling of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30478>		
	2. order=1 for EMAPA:30478		



Modified Component 322			
ID	EMAPA:29307	Is Group Term	false
Name	inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17968>		
	2. order=9 for EMAPA:17968		

Modified Component 323			
ID	EMAPA:30496	Is Group Term	false
Name	surface epithelium of female preputial swelling		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[preputial swelling of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		



Modified Component 323			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30478>		
	2. order=0 for EMAPA:30478		

Modified Component 324			
ID	EMAPA:29304	Is Group Term	false
Name	cystic vesicular appendage		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cystic vesicular appendage(EMAPA:29304)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cystic vesicular appendage(EMAPA:29304)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17968>		
	2. order=7 for EMAPA:17968		

Modified Component 325			
ID	EMAPA:29313	Is Group Term	false
Name	internal inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:29307[inguinal ring]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307),		

Modified Component 325			
	internal inguinal ring(EMAPA:29313)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307), internal inguinal ring(EMAPA:29313)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29307>		
	2. order=1 for EMAPA:29307		

Modified Component 326			
ID	EMAPA:29310	Is Group Term	false
Name	external inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:29307[inguinal ring]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307), external inguinal ring(EMAPA:29310)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307), external inguinal ring(EMAPA:29310)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29307>		
	2. order=0 for EMAPA:29307		

Modified Component 327			
ID	EMAPA:28619	Is Group Term	false
Name	muscularis mucosa of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18321>		

<b>Modified Component 327</b>	
	2. order=2 for EMAPA:18321

<b>Modified Component 328</b>			
<i>ID</i>	EMAPA:30467	<i>Is Group Term</i>	false
<i>Name</i>	urethral epithelium of male		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:17969[genital tubercle of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[urethral plate, urethral seam]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17969>		
	2. order=2 for EMAPA:17969		

<b>Modified Component 329</b>			
<i>ID</i>	EMAPA:28613	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of trigone		

<b>Modified Component 329</b>			
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[epithelium of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of trigone(EMAPA:28613)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of trigone(EMAPA:28613)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28601>		
	2. order=1 for EMAPA:28601		

<b>Modified Component 330</b>			
ID	EMAPA:30460	Is Group Term	false
Name	coelomic epithelium of male mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), coelomic epithelium of male mesonephros(EMAPA:30460)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), coelomic epithelium of male mesonephros(EMAPA:30460)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:29138>		
	2. order=6 for EMAPA:29138		

<b>Modified Component 331</b>			
ID	EMAPA:30478	Is Group Term	false
Name	preputial swelling of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[prepuce of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 331			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18680>		
	2. order=3 for EMAPA:18680		

Modified Component 332			
ID	EMAPA:28601	Is Group Term	false
Name	epithelium of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[urothelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 332	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18321>
	2. order=0 for EMAPA:18321

Modified Component 333			
ID	EMAPA:30470	Is Group Term	false
Name	urethral epithelium of female		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[urethral plate, urethral seam]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18680>		
	2. order=2 for EMAPA:18680		

Modified Component 334			

<b>Modified Component 334</b>			
<i>ID</i>	EMAPA:28607	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of fundus		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28601[epithelium of bladder]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of fundus(EMAPA:28607)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of fundus(EMAPA:28607)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28601>		
	2. order=0 for EMAPA:28601		

<b>Modified Component 335</b>			
<i>ID</i>	EMAPA:30445	<i>Is Group Term</i>	true
<i>Name</i>	epithelium of epididymis		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:19290[epididymis]		
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:19290>		
	2. order=8 for EMAPA:19290		

<b>Modified Component 336</b>			
<i>ID</i>	EMAPA:30447	<i>Is Group Term</i>	true
<i>Name</i>	muscle layer of epididymis		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:19290[epididymis]		
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 336			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:19290>		
	2. order=9 for EMAPA:19290		

Modified Component 337			
ID	EMAPA:30449	Is Group Term	true
Name	juxtaglomerular complex		
Starts At	TS25	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:17952>		
	2. order=17 for EMAPA:17952		

Modified Component 338			
ID	EMAPA:28637	Is Group Term	false
Name	detrusor muscle of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 338	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18321>
	2. order=3 for EMAPA:18321

Modified Component 339			
ID	EMAPA:30443	Is Group Term	true
Name	adventitia of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:19290[epididymis]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:19290>		
	2. order=10 for EMAPA:19290		

Modified Component 340			
ID	EMAPA:28643	Is Group Term	false
Name	detrusor muscle of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detrusor muscle of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of fundus(EMAPA:28643)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of fundus(EMAPA:28643)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28637>		
	2. order=0 for EMAPA:28637		

Modified Component 341			
ID	EMAPA:17646	Is Group Term	false

<b>Modified Component 341</b>			
Name	primitive collecting duct		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17373>		
	2. order=14 for EMAPA:17373		

<b>Modified Component 342</b>			
ID	EMAPA:28625	Is Group Term	false
Name	muscularis mucosa of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28619[muscularis mucosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of fundus(EMAPA:28625)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of fundus(EMAPA:28625)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28619>		
	2. order=0 for EMAPA:28619		

<b>Modified Component 343</b>			
ID	EMAPA:17645	Is Group Term	false
Name	cap mesenchyme		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metanephros] EMAPA:31562[nephrogenic zone GROUP]		
Group Parents			
Synonyms	[condensed mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), cap		

Modified Component 343			
	mesenchyme(EMAPA:17645)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), cap mesenchyme(EMAPA:17645)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), cap mesenchyme(EMAPA:17645)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562), cap mesenchyme(EMAPA:17645)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17373> 2. order=4 for EMAPA:17373		

Modified Component 344			
ID	EMAPA:28631	Is Group Term	false
Name	muscularis mucosa of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28619[muscularis mucosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of trigone(EMAPA:28631)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of trigone(EMAPA:28631)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28619> 2. order=1 for EMAPA:28619		

Modified Component 345			
ID	EMAPA:28649	Is Group Term	false
Name	detrusor muscle of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detrusor muscle of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of		

Modified Component 345			
	trigone(EMAPA:28649)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of trigone(EMAPA:28649)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28637>		
	2. order=1 for EMAPA:28637		

Modified Component 346			
ID	EMAPA:27829	Is Group Term	false
Name	renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:28500[early tubule] EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[epithelial vesicle, stage I nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17952>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28500>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17954>		

Modified Component 346	
	4. order=0 for EMAPA:28500 order=1 for EMAPA:17954 order=0 for EMAPA:17952

Modified Component 347			
ID	EMAPA:28661	Is Group Term	false
Name	serosa of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18321>		
	2. order=4 for EMAPA:18321		

Modified Component 348			
ID	EMAPA:28673	Is Group Term	false
Name	serosa of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28661[serosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of trigone(EMAPA:28673)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of trigone(EMAPA:28673)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28661>		
	2. order=1 for EMAPA:28661		

Modified Component 349			
ID	EMAPA:28667	Is Group Term	false
Name	serosa of fundus		
Starts At	TS22	Ends At	TS28

Modified Component 349			
Primary Parents	EMAPA:28661[serosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of fundus(EMAPA:28667)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of fundus(EMAPA:28667)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28661>		
	2. order=0 for EMAPA:28661		

Modified Component 350			
ID	EMAPA:28679	Is Group Term	false
Name	blood vessels of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), blood vessels of bladder(EMAPA:28679)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), blood vessels of bladder(EMAPA:28679)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18321>		
	2. order=6 for EMAPA:18321		

Modified Component 351			
ID	EMAPA:28697	Is Group Term	false
Name	epithelial layer of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), epithelial layer of pelvic urethra of male(EMAPA:28697)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 351			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), epithelial layer of pelvic urethra of male(EMAPA:28697)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18995>		
	2. order=0 for EMAPA:18995		

Modified Component 352			
ID	EMAPA:31528	Is Group Term	false
Name	nerve of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:31533[nerves of urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533), nerve of urogenital sinus(EMAPA:31528)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533), nerve of urogenital sinus(EMAPA:31528)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31533>		
	2. order=1 for EMAPA:31533		

Modified Component 353			
ID	EMAPA:31527	Is Group Term	false
Name	pelvic ganglion		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:31533[nerves of urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533), pelvic ganglion(EMAPA:31527)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533), pelvic ganglion(EMAPA:31527)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31533>		
	2. order=0 for EMAPA:31533		

Modified Component 354			
ID	EMAPA:31529	Is Group Term	false
Name	mesenchymal layer of dorsal primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30876[mesenchymal layer of primitive bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876), mesenchymal layer of dorsal primitive bladder(EMAPA:31529)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876), mesenchymal layer of dorsal primitive bladder(EMAPA:31529)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30876>		
	2. order=0 for EMAPA:30876		

Modified Component 355			
ID	EMAPA:31524	Is Group Term	false
Name	nerve of phallic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30911[phallic urethra] EMAPA:31569[nerves of urethra GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), nerve of phallic urethra(EMAPA:31524)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra(EMAPA:31524)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra(EMAPA:31524)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), nerve of phallic urethra(EMAPA:31524)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30911>		
	2. order=2 for EMAPA:30911		

Modified Component 356			
ID	EMAPA:31523	Is Group Term	false
Name	nerve of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:31569[nerves of urethra GROUP] EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), nerve of pelvic urethra(EMAPA:31523)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra(EMAPA:31523)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra(EMAPA:31523)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), nerve of pelvic urethra(EMAPA:31523)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30903>		
	2. order=3 for EMAPA:30903		

Modified Component 357			
ID	EMAPA:31526	Is Group Term	false
Name	nerve of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), nerve of bladder(EMAPA:31526)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), nerve of bladder(EMAPA:31526)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:18321>		
	2. order=7 for EMAPA:18321		

Modified Component 358			

<b>Modified Component 358</b>			
<i>ID</i>	EMAPA:31525	<i>Is Group Term</i>	false
<i>Name</i>	mesenchymal layer of ventral primitive bladder		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:30876[mesenchymal layer of primitive bladder]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876), mesenchymal layer of ventral primitive bladder(EMAPA:31525)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876), mesenchymal layer of ventral primitive bladder(EMAPA:31525)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30876>		
	2. order=1 for EMAPA:30876		

<b>Modified Component 359</b>			
<i>ID</i>	EMAPA:31520	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of urogenital sinus		
<i>Starts At</i>	TS18	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:17211[urogenital sinus]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211), epithelium of urogenital sinus(EMAPA:31520)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211), epithelium of urogenital sinus(EMAPA:31520)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17211>		
	2. order=1 for EMAPA:17211		

<b>Modified Component 360</b>			
<i>ID</i>	EMAPA:31522	<i>Is Group Term</i>	false
<i>Name</i>	pelvic ganglion		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17366[urinary system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 360			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), pelvic ganglion(EMAPA:31522)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), pelvic ganglion(EMAPA:31522)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <22 for EMAPA:17366>		
	2. order=22 for EMAPA:17366		

Modified Component 361			
ID	EMAPA:31521	Is Group Term	false
Name	early distal tubule of capillary loop nephron		
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	[anlage of distal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

**Modified Component 361**

organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron

# Modified Component 361

GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal



<b>Modified Component 361</b>			
	tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31521)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of capillary loop nephron(EMAPA:31521)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28390>		
	2. order=0 for EMAPA:28390		

<b>Modified Component 362</b>			
ID	EMAPA:31519	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS18	Ends At	TS18

<b>Modified Component 362</b>			
Primary Parents	EMAPA:17211[urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211), mesenchyme of urogenital sinus(EMAPA:31519)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211), mesenchyme of urogenital sinus(EMAPA:31519)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17211>		
	2. order=0 for EMAPA:17211		

<b>Modified Component 363</b>			
ID	EMAPA:31518	Is Group Term	false
Name	urethral epithelium		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[urethral plate, urethral seam]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), urethral epithelium(EMAPA:31518)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), urethral epithelium(EMAPA:31518)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17382>		
	2. order=2 for EMAPA:17382		

<b>Modified Component 364</b>			
ID	EMAPA:31517	Is Group Term	false
Name	renal connecting tubule of mature nephron		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:31566[cortical renal tubule of mature nephron GROUP] EMAPA:28011[renal connecting tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]		

**Modified Component 364**

Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral

**Modified Component 364**

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary

Modified Component 364			
	loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]		
	20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]		
	21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of mature nephron(EMAPA:31517)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal connecting tubule of mature nephron(EMAPA:31517)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2		

<b>Modified Component 364</b>	
	for EMAPA:28011>
	2. order=2 for EMAPA:28011

<b>Modified Component 365</b>			
<i>ID</i>	EMAPA:31516	<i>Is Group Term</i>	false
<i>Name</i>	renal connecting tubule of maturing nephron		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:31570[cortical renal tubule of maturing nephron GROUP] EMAPA:28011[renal connecting tubule]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]  2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]  3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]  4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]  5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]  6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]		



**Modified Component 365**

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),



**Modified Component 365**

visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]

Modified Component 365			
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of maturing nephron(EMAPA:31516)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), renal connecting tubule of maturing nephron(EMAPA:31516)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28011>		
	2. order=1 for EMAPA:28011		

Modified Component 366			
ID	EMAPA:31515	Is Group Term	false
Name	renal connecting tubule of capillary loop nephron		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28011[renal connecting tubule] EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal		

**Modified Component 366**

tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral

**Modified Component 366**

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]

Modified Component 366			
	21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), renal connecting tubule of capillary loop nephron(EMAPA:31515)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28011>		
	2. order=0 for EMAPA:28011		

Modified Component 367			
ID	EMAPA:31514	Is Group Term	false
Name	early distal tubule of maturing nephron		

Modified Component 367			
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28390[early distal tubule] EMAPA:31570[cortical renal tubule of maturing nephron GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal		



**Modified Component 367**

tubule of maturing nephron GROUP(EMAPA:31570),  
early distal tubule of maturing  
nephron(EMAPA:31514)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), late tubule(EMAPA:28527),  
cortical renal tubule(EMAPA:18976), renal distal  
tubule(EMAPA:28387), early distal  
tubule(EMAPA:28390), early distal tubule of  
maturing nephron(EMAPA:31514)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),  
cortical renal tubule(EMAPA:18976), cortical renal  
tubule of maturing nephron GROUP(EMAPA:31570),  
early distal tubule of maturing  
nephron(EMAPA:31514)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),  
cortical renal tubule(EMAPA:18976), renal distal  
tubule(EMAPA:28387), early distal  
tubule(EMAPA:28390), early distal tubule of  
maturing nephron(EMAPA:31514)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31514)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31514)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), renal distal  
tubule(EMAPA:28387), early distal  
tubule(EMAPA:28390), early distal tubule of  
maturing nephron(EMAPA:31514)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
mature nephron(EMAPA:28491), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31514)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
mature nephron(EMAPA:28491), cortical renal  
tubule(EMAPA:18976), renal distal  
tubule(EMAPA:28387), early distal  
tubule(EMAPA:28390), early distal tubule of  
maturing nephron(EMAPA:31514)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),



**Modified Component 367**

stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal

Modified Component 367			
	tubule of maturing nephron(EMAPA:31514)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31514)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390), early distal tubule of maturing nephron(EMAPA:31514)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28390>		
	2. order=1 for EMAPA:28390		

Modified Component 368			
ID	EMAPA:31513	Is Group Term	false
Name	early distal tubule of maturing nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:31570[cortical renal tubule of maturing nephron GROUP] EMAPA:28007[early distal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

# Modified Component 368

metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),

# Modified Component 368

metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), early distal  
tubule(EMAPA:28007), early distal tubule of  
maturing nephron(EMAPA:31513)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31513)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
mature nephron(EMAPA:28491), cortical renal  
tubule(EMAPA:18976), early distal  
tubule(EMAPA:28007), early distal tubule of  
maturing nephron(EMAPA:31513)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
mature nephron(EMAPA:28491), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31513)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
stage IV immature nephron(EMAPA:28445), cortical  
renal tubule(EMAPA:18976), early distal  
tubule(EMAPA:28007), early distal tubule of  
maturing nephron(EMAPA:31513)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
stage IV immature nephron(EMAPA:28445), cortical  
renal tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31513)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
renal cortex(EMAPA:17952), developing capillary  
loop stage nephron GROUP(EMAPA:28506), cortical  
renal tubule(EMAPA:18976), early distal  
tubule(EMAPA:28007), early distal tubule of  
maturing nephron(EMAPA:31513)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
renal cortex(EMAPA:17952), developing capillary  
loop stage nephron GROUP(EMAPA:28506), cortical  
renal tubule(EMAPA:18976), cortical renal tubule of  
maturing nephron GROUP(EMAPA:31570), early distal  
tubule of maturing nephron(EMAPA:31513)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),  
renal cortex(EMAPA:17952), late  
tubule(EMAPA:28527), cortical renal  
tubule(EMAPA:18976), early distal  
tubule(EMAPA:28007), early distal tubule of  
maturing nephron(EMAPA:31513)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
embryo(EMAPA:16039), organ system(EMAPA:16103),  
visceral organ(EMAPA:16245), urinary  
system(EMAPA:17366), metanephros(EMAPA:17373),

Modified Component 368			
	renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of maturing nephron(EMAPA:31513)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early distal tubule of maturing nephron(EMAPA:31513)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28007>		
	2. order=1 for EMAPA:28007		

Modified Component 369			
ID	EMAPA:31512	Is Group Term	false
Name	early proximal tubule of maturing nephron		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:31570[cortical renal tubule of maturing nephron GROUP] EMAPA:28284[early proximal tubule]		
Group Parents			
Synonyms	[ ]		

**Modified Component 369**

Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]
Alternate Paths	<div>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]</div> <div>8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527),</div>



# Modified Component 369

cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),



# Modified Component 369

stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal

Modified Component 369			
	tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31512)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of maturing nephron(EMAPA:31512)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28284>		
	2. order=1 for EMAPA:28284		

Modified Component 370			
ID	EMAPA:31511	Is Group Term	false
Name	early distal tubule of capillary loop nephron		
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	[anlage of distal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

**Modified Component 370**

organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of

# Modified Component 370

capillary loop nephron(EMAPA:31511)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

Modified Component 370			
	renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early distal tubule of capillary loop nephron(EMAPA:31511)]		
	Rule Status	PASSED	Edit Status CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28007>		
	2. order=0 for EMAPA:28007		

Modified Component 371			
ID	EMAPA:31510	Is Group Term	false
Name	developing vasculature of male genital tubercle		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:31564[developing vasculature of reproductive		

<b>Modified Component 371</b>			
	system GROUP] EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of male genital tubercle(EMAPA:31510)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of male genital tubercle(EMAPA:31510)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), developing vasculature of male genital tubercle(EMAPA:31510)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17969>		
	2. order=9 for EMAPA:17969		

<b>Modified Component 372</b>			
ID	EMAPA:31509	Is Group Term	false



Modified Component 372			
Name	epithelium of urogenital sinus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), epithelium of urogenital sinus(EMAPA:31509)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), epithelium of urogenital sinus(EMAPA:31509)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17379>		
	2. order=0 for EMAPA:17379		

Modified Component 373			
ID	EMAPA:31502	Is Group Term	false
Name	surface epithelium of proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:31504[proximal genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 373			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), surface epithelium of proximal genital tubercle of male(EMAPA:31502)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31504>		
	2. order=0 for EMAPA:31504		

Modified Component 374			
ID	EMAPA:18692	Is Group Term	false
Name	urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17366>		
	2. order=15 for EMAPA:17366		

Modified Component 375			
ID	EMAPA:31501	Is Group Term	false
Name	mesenchyme of proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:31504[proximal genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 375			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504), mesenchyme of proximal genital tubercle of male(EMAPA:31501)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31504>		
	2. order=1 for EMAPA:31504		

Modified Component 376			
ID	EMAPA:18693	Is Group Term	false
Name	urethral fold of male		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral fold of male(EMAPA:18693)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral fold of male(EMAPA:18693)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 376	
	no order entries; This Component has order entry <3 for EMAPA:17956>
	2. order=3 for EMAPA:17956

Modified Component 377			
ID	EMAPA:31504	Is Group Term	false
Name	proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), proximal genital tubercle of male(EMAPA:31504)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17969>		
	2. order=4 for EMAPA:17969		

Modified Component 378			
ID	EMAPA:31503	Is Group Term	false

<b>Modified Component 378</b>			
Name	developing vasculature of female genital tubercle		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:31564[developing vasculature of reproductive system GROUP] EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of female genital tubercle(EMAPA:31503)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of female genital tubercle(EMAPA:31503)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), developing vasculature of female genital tubercle(EMAPA:31503)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:18680>		

<b>Modified Component 378</b>	
	2. order=9 for EMAPA:18680

<b>Modified Component 379</b>			
<i>ID</i>	EMAPA:31506	<i>Is Group Term</i>	false
<i>Name</i>	proximal genital tubercle of female		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:18680[genital tubercle of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18680>		
	2. order=5 for EMAPA:18680		

<b>Modified Component 380</b>			
<i>ID</i>	EMAPA:31505	<i>Is Group Term</i>	false
<i>Name</i>	urethral opening of male		

<b>Modified Component 380</b>			
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30467[urethral epithelium of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), urethral opening of male(EMAPA:31505)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30467>		
	2. order=2 for EMAPA:30467		

<b>Modified Component 381</b>			
ID	EMAPA:31508	Is Group Term	false
Name	proximal urethral epithelium of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30467[urethral epithelium of male]		



<b>Modified Component 381</b>			
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), proximal urethral epithelium of male(EMAPA:31508)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30467>		
	2. order=1 for EMAPA:30467		

<b>Modified Component 382</b>			
<i>ID</i>	EMAPA:31507	<i>Is Group Term</i>	false
<i>Name</i>	distal urethral epithelium of male		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:30467[urethral epithelium of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		



Modified Component 382			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467), distal urethral epithelium of male(EMAPA:31507)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30467>		
	2. order=0 for EMAPA:30467		

Modified Component 383			
ID	EMAPA:31500	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), mesenchyme of		

Modified Component 383			
	urogenital sinus(EMAPA:31500)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), mesenchyme of urogenital sinus(EMAPA:31500)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17379>		
	2. order=1 for EMAPA:17379		

Modified Component 384			
ID	EMAPA:31565	Is Group Term	false
Name	nerve of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31569[nerves of urethra GROUP] EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), nerve of pelvic urethra of male(EMAPA:31565)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra of male(EMAPA:31565)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), nerve of pelvic urethra of male(EMAPA:31565)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra of male(EMAPA:31565)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18995>		
	2. order=3 for EMAPA:18995		

Modified Component 385			
ID	EMAPA:31566	Is Group Term	true
Name	cortical renal tubule of mature nephron GROUP		
Starts At	TS25	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18976[cortical renal tubule]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		

Modified Component 385	
	cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of

Modified Component 385			
	mature nephron GROUP(EMAPA:31566)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:18976>		
	2. order=8 for EMAPA:18976		

Modified Component 386			
ID	EMAPA:31563	Is Group Term	true
Name	developing vasculature of urinary system GROUP		
Starts At	TS20	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <23 for EMAPA:17366>		
	2. order=23 for EMAPA:17366		

Modified Component 387			
ID	EMAPA:31564	Is Group Term	true
Name	developing vasculature of reproductive system GROUP		
Starts At	TS20	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:17381[reproductive system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 387			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17381>		
	2. order=6 for EMAPA:17381		

Modified Component 388			
ID	EMAPA:31561	Is Group Term	false
Name	ventral mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:31573[mesenchyme of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573), ventral mesenchyme of pelvic urethra(EMAPA:31561)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573), ventral mesenchyme of pelvic urethra(EMAPA:31561)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31573>		
	2. order=1 for EMAPA:31573		

Modified Component 389			
ID	EMAPA:31562	Is Group Term	true
Name	nephrogenic zone GROUP		
Starts At	TS20	Ends At	TS21
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(EMAPA:31562)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 389	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <29 for EMAPA:17373>
	2. order=29 for EMAPA:17373

Modified Component 390			
ID	EMAPA:31560	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28771[muscle layer of pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771), muscle layer of dorsal pelvic urethra of female(EMAPA:31560)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771), muscle layer of dorsal pelvic urethra of female(EMAPA:31560)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28771>		
	2. order=0 for EMAPA:28771		

Modified Component 391			
ID	EMAPA:18677	Is Group Term	false
Name	major		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18676[calyx]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), major(EMAPA:18677)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), major(EMAPA:18677)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18676>		
	2. order=0 for EMAPA:18676		

Modified Component 392	

Modified Component 392			
ID	EMAPA:18676	Is Group Term	false
Name	calyx		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <18 for EMAPA:17373>		
	2. order=18 for EMAPA:17373		

Modified Component 393			
ID	EMAPA:31569	Is Group Term	true
Name	nerves of urethra GROUP		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <27 for EMAPA:17366>		
	2. order=27 for EMAPA:17366		

Modified Component 394			
ID	EMAPA:31567	Is Group Term	false
Name	nerve of pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31569[nerves of urethra GROUP] EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), nerve of pelvic urethra of female(EMAPA:31567)]		



Modified Component 394			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra of female(EMAPA:31567)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), nerve of pelvic urethra of female(EMAPA:31567)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of pelvic urethra of female(EMAPA:31567)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28753>		
	2. order=3 for EMAPA:28753		

Modified Component 395			
ID	EMAPA:31568	Is Group Term	false
Name	nerve of phallic urethra of male		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:31569[nerves of urethra GROUP] EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), nerve of phallic urethra of male(EMAPA:31568)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra of male(EMAPA:31568)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), nerve of phallic urethra of male(EMAPA:31568)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra of male(EMAPA:31568)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17956>		
	2. order=5 for EMAPA:17956		

Modified Component 396			
ID	EMAPA:31552	Is Group Term	false

Modified Component 396			
Name	mesenchymal layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28703[mesenchymal layer of pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703), mesenchymal layer of dorsal pelvic urethra of male(EMAPA:31552)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703), mesenchymal layer of dorsal pelvic urethra of male(EMAPA:31552)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28703>		
	2. order=0 for EMAPA:28703		

Modified Component 397			
ID	EMAPA:31553	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28765[mesenchymal layer of pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765), mesenchymal layer of ventral pelvic urethra of female(EMAPA:31553)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765), mesenchymal layer of ventral pelvic urethra of female(EMAPA:31553)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28765>		
	2. order=1 for EMAPA:28765		

Modified Component 398			
ID	EMAPA:31554	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra of female		
Starts At		Ends At	
Primary Parents			
Group Parents			
Synonyms			
Primary Path			
Alternate Paths			
Rule Status		Edit Status	
Comments			

<b>Modified Component 398</b>			
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28765[mesenchymal layer of pelvic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765), mesenchymal layer of dorsal pelvic urethra of female(EMAPA:31554)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), mesenchymal layer of pelvic urethra of female(EMAPA:28765), mesenchymal layer of dorsal pelvic urethra of female(EMAPA:31554)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28765>		
	2. order=0 for EMAPA:28765		

<b>Modified Component 399</b>			
ID	EMAPA:18680	Is Group Term	false
Name	genital tubercle of female		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:30984[female external genitalia] EMAPA:28540[female associated reproductive structure] EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive		

<b>Modified Component 399</b>			
	structure(EMAPA:28540), genital tubercle of female(EMAPA:18680)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30984>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17959>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28540>		
	4. Different Synonyms - Referenced Component EMAPA:18680 has synonyms [clitoris anlage]		
	5. order=12 for EMAPA:17959 order=2 for EMAPA:28540 order=0 for EMAPA:30984		

<b>Modified Component 400</b>			
ID	EMAPA:31555	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28709[muscle layer of pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709), muscle layer of ventral pelvic urethra of male(EMAPA:31555)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709), muscle layer of ventral pelvic urethra of male(EMAPA:31555)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28709>		
	2. order=1 for EMAPA:28709		

<b>Modified Component 401</b>			
ID	EMAPA:31550	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28703[mesenchymal layer of pelvic urethra of male]		
Group Parents			

Modified Component 401			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703), mesenchymal layer of ventral pelvic urethra of male(EMAPA:31550)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), mesenchymal layer of pelvic urethra of male(EMAPA:28703), mesenchymal layer of ventral pelvic urethra of male(EMAPA:31550)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28703>		
	2. order=1 for EMAPA:28703		

Modified Component 402			
ID	EMAPA:31551	Is Group Term	false
Name	nerve of phallic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31569[nerves of urethra GROUP] EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), nerve of phallic urethra of female(EMAPA:31551)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra of female(EMAPA:31551)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), nerve of phallic urethra of female(EMAPA:31551)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nerves of urethra GROUP(EMAPA:31569), nerve of phallic urethra of female(EMAPA:31551)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:30917>		
	2. order=5 for EMAPA:30917		

Modified Component 403			
ID	EMAPA:18686	Is Group Term	false
Name	germ cell of testis		

<b>Modified Component 403</b>			
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), germ cell of testis(EMAPA:18686)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), germ cell of testis(EMAPA:18686)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18685>		
	2. order=1 for EMAPA:18685		

<b>Modified Component 404</b>			
ID	EMAPA:18685	Is Group Term	false
Name	seminiferous cord		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[seminiferous tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17972>		
	2. order=4 for EMAPA:17972		

<b>Modified Component 405</b>			
ID	EMAPA:18687	Is Group Term	false
Name	interstitium of the testis		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[interstitial tissue]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 405			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17972>		
	2. order=2 for EMAPA:17972		

Modified Component 406			
ID	EMAPA:31556	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28709[muscle layer of pelvic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709), muscle layer of dorsal pelvic urethra of male(EMAPA:31556)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), muscle layer of pelvic urethra of male(EMAPA:28709), muscle layer of dorsal pelvic urethra of male(EMAPA:31556)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28709>		
	2. order=0 for EMAPA:28709		

Modified Component 407			
ID	EMAPA:18682	Is Group Term	false
Name	penis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[genital tubercle of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		



Modified Component 407			
	system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30977>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <21 for EMAPA:17968>		
	3. order=21 for EMAPA:17968 order=1 for EMAPA:30977		

Modified Component 408			
ID	EMAPA:31557	Is Group Term	false
Name	nerve of caudal urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30895[caudal urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895), nerve of caudal urethra(EMAPA:31557)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895), nerve of caudal urethra(EMAPA:31557)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30895>		
	2. order=0 for EMAPA:30895		

Modified Component 409			
ID	EMAPA:18681	Is Group Term	false
Name	ductus deferens		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure]		
Group Parents			
Synonyms	[vas deferens]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 409			
	system(EMAPA:17968), ductus deferens(EMAPA:18681)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17968> 2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28533> 3. order=13 for EMAPA:17968 order=3 for EMAPA:28533		

Modified Component 410			
ID	EMAPA:31558	Is Group Term	false
Name	nerve of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30893[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), nerve of pelvic urethra(EMAPA:31558)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), nerve of pelvic urethra(EMAPA:31558)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30893> 2. order=1 for EMAPA:30893		

Modified Component 411			
ID	EMAPA:31559	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28771[muscle layer of pelvic urethra of female]		

Modified Component 411			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771), muscle layer of ventral pelvic urethra of female(EMAPA:31559)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), pelvic urethra of female(EMAPA:28753), muscle layer of pelvic urethra of female(EMAPA:28771), muscle layer of ventral pelvic urethra of female(EMAPA:31559)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28771>		
	2. order=1 for EMAPA:28771		

Modified Component 412			
ID	EMAPA:18678	Is Group Term	false
Name	minor		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18676[calyx]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), minor(EMAPA:18678)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), minor(EMAPA:18678)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18676>		
	2. order=1 for EMAPA:18676		

Modified Component 413			
ID	EMAPA:18679	Is Group Term	false
Name	renal capsule		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capsule(EMAPA:18679)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 413			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capsule(EMAPA:18679)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17373>		
	2. order=0 for EMAPA:17373		

Modified Component 414			
ID	EMAPA:31540	Is Group Term	false
Name	renal connecting segment of renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), renal connecting segment of renal vesicle(EMAPA:31540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27829>		
	2. order=0 for EMAPA:27829		

Modified Component 415			
ID	EMAPA:31543	Is Group Term	false
Name	early proximal tubule of capillary loop nephron		
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	[anlage of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		

**Modified Component 415**

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

**Modified Component 415**

mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),



Modified Component 415			
	renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284), early proximal tubule of capillary loop nephron(EMAPA:31543)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28284>		
	2. order=0 for EMAPA:28284		

Modified Component 416			
ID	EMAPA:31544	Is Group Term	false
Name	early proximal tubule of capillary loop nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28003[early proximal tubule] EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP]		
Group Parents			
Synonyms	[anlage of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature		

# Modified Component 416

nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral

**Modified Component 416**

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

**Modified Component 416**

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of capillary loop nephron(EMAPA:31544)]

27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary

Modified Component 416			
	system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571), early proximal tubule of capillary loop nephron(EMAPA:31544)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28003>		
	2. order=0 for EMAPA:28003		

Modified Component 417			
ID	EMAPA:31541	Is Group Term	false
Name	renal connecting segment of renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), renal connecting segment of renal vesicle(EMAPA:31541)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), renal connecting segment of renal vesicle(EMAPA:31541)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), renal connecting segment of renal vesicle(EMAPA:31541)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), renal connecting segment of renal vesicle(EMAPA:31541)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27678>		
	2. order=0 for EMAPA:27678		

Modified Component 418			
ID	EMAPA:31542	Is Group Term	false
Name	early proximal tubule of maturing nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28003[early proximal tubule] EMAPA:31570[cortical renal tubule of maturing nephron GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 418	
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral



**Modified Component 418**

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary



**Modified Component 418**

loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early proximal tubule(EMAPA:28003), early proximal tubule of maturing nephron(EMAPA:31542)]

27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary

<b>Modified Component 418</b>			
	system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570), early proximal tubule of maturing nephron(EMAPA:31542)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28003>		
	2. order=1 for EMAPA:28003		

<b>Modified Component 419</b>			
ID	EMAPA:31547	Is Group Term	false
Name	proximal renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), proximal renal vesicle(EMAPA:31547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27829>		
	2. order=2 for EMAPA:27829		

--

Modified Component 420			
ID	EMAPA:31548	Is Group Term	false
Name	distal renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27829), distal renal vesicle(EMAPA:31548)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27829>		
	2. order=1 for EMAPA:27829		

Modified Component 421			
ID	EMAPA:31545	Is Group Term	false
Name	renal connecting segment of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped		

Modified Component 421			
	body(EMAPA:27835), renal connecting segment of comma-shaped body(EMAPA:31545)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), renal connecting segment of comma-shaped body(EMAPA:31545)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), renal connecting segment of comma-shaped body(EMAPA:31545)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), renal connecting segment of comma-shaped body(EMAPA:31545)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27835>		
	2. order=2 for EMAPA:27835		

Modified Component 422			
ID	EMAPA:31546	Is Group Term	false
Name	renal connecting segment of comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27681[comma-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), renal connecting segment of comma-shaped body(EMAPA:31546)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), renal connecting segment of comma-shaped body(EMAPA:31546)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), renal connecting segment of comma-shaped body(EMAPA:31546)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), renal connecting segment of comma-shaped body(EMAPA:31546)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27681>		

<b>Modified Component 422</b>			
	2. order=2 for EMAPA:27681		

<b>Modified Component 423</b>			
<i>ID</i>	EMAPA:31549	<i>Is Group Term</i>	false
<i>Name</i>	proximal renal vesicle		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:27678[renal vesicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), proximal renal vesicle(EMAPA:31549)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), proximal renal vesicle(EMAPA:31549)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), proximal renal vesicle(EMAPA:31549)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), proximal renal vesicle(EMAPA:31549)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27678>		
	2. order=2 for EMAPA:27678		

<b>Modified Component 424</b>			
<i>ID</i>	EMAPA:27895	<i>Is Group Term</i>	false
<i>Name</i>	visceral epithelium		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:27883[proximal segment of s-shaped body]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		

Modified Component 424			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	Rule Status	PASSED	Edit Status
Comments	CHANGED		
	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27883>		
	2. order=0 for EMAPA:27883		

Modified Component 425			
ID	EMAPA:31530	Is Group Term	false
Name	proximal urethral epithelium of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium of female(EMAPA:31530)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium of female(EMAPA:31530)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium		



Modified Component 425			
	of female(EMAPA:31530)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium of female(EMAPA:31530)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium of female(EMAPA:31530)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), proximal urethral epithelium of female(EMAPA:31530)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30470>		
	2. order=1 for EMAPA:30470		

Modified Component 426			
ID	EMAPA:31531	Is Group Term	false
Name	urethral opening of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		



Modified Component 426			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), urethral opening of female(EMAPA:31531)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30470>		
	2. order=2 for EMAPA:30470		

Modified Component 427			
ID	EMAPA:31532	Is Group Term	false
Name	developing vasculature of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:31563[developing vasculature of urinary system GROUP] EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), developing vasculature of urogenital sinus(EMAPA:31532)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of urogenital sinus(EMAPA:31532)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of urogenital sinus(EMAPA:31532)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), developing vasculature of urogenital sinus(EMAPA:31532)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17379>		
	2. order=2 for EMAPA:17379		

Modified Component 428			
ID	EMAPA:31533	Is Group Term	false
Name	nerves of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), nerves of urogenital sinus(EMAPA:31533)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17379>		
	2. order=3 for EMAPA:17379		

Modified Component 429			
ID	EMAPA:31534	Is Group Term	false
Name	mesenchyme of proximal genital tubercle of female		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:31506[proximal genital tubercle of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		

Modified Component 429			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), mesenchyme of proximal genital tubercle of female(EMAPA:31534)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31506>		
	2. order=1 for EMAPA:31506		

Modified Component 430			
ID	EMAPA:27877	Is Group Term	false
Name	medial segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[mid-portion of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

<b>Modified Component 430</b>			
	early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27853>		
	2. order=2 for EMAPA:27853		

<b>Modified Component 431</b>			
ID	EMAPA:31535	Is Group Term	false
Name	surface epithelium of proximal genital tubercle of female		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:31506[proximal genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), proximal genital tubercle of female(EMAPA:31506), surface epithelium of proximal genital tubercle of female(EMAPA:31535)]		

Modified Component 431			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31506>		
	2. order=0 for EMAPA:31506		

Modified Component 432			
ID	EMAPA:31536	Is Group Term	false
Name	distal urethral epithelium of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470), distal urethral epithelium of female(EMAPA:31536)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0		

Modified Component 432	
	for EMAPA:30470>
	2. order=0 for EMAPA:30470

Modified Component 433			
ID	EMAPA:31537	Is Group Term	false
Name	developing vasculature of male mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:31564[developing vasculature of reproductive system GROUP] EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), developing vasculature of male mesonephros(EMAPA:31537)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of male mesonephros(EMAPA:31537)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of male mesonephros(EMAPA:31537)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), developing vasculature of male mesonephros(EMAPA:31537)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:29138>		
	2. order=7 for EMAPA:29138		

Modified Component 434			
ID	EMAPA:31538	Is Group Term	false
Name	developing vasculature of female mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female] EMAPA:31564[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), developing vasculature of female mesonephros(EMAPA:31538)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		



Modified Component 434			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of female mesonephros(EMAPA:31538)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(EMAPA:31564), developing vasculature of female mesonephros(EMAPA:31538)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), developing vasculature of female mesonephros(EMAPA:31538)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:28909>		
	2. order=8 for EMAPA:28909		

Modified Component 435			
ID	EMAPA:31539	Is Group Term	false
Name	developing vasculature of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primitive bladder] EMAPA:31563[developing vasculature of urinary system GROUP]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), developing vasculature of primitive bladder(EMAPA:31539)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of primitive bladder(EMAPA:31539)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), developing vasculature of primitive bladder(EMAPA:31539)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), developing vasculature of primitive bladder(EMAPA:31539)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30870>		
	2. order=2 for EMAPA:30870		

Modified Component 436			
ID	EMAPA:27883	Is Group Term	false



<b>Modified Component 436</b>			
Name	proximal segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[lower limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27853>		
	2. order=3 for EMAPA:27853		

<b>Modified Component 437</b>			
ID	EMAPA:27865	Is Group Term	false
Name	renal connecting tubule of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		

Modified Component 437			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27853>		
	2. order=0 for EMAPA:27853		

Modified Component 438			
ID	EMAPA:27871	Is Group Term	false
Name	distal segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[upper limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		

<b>Modified Component 438</b>			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27853>		
	2. order=1 for EMAPA:27853		

<b>Modified Component 439</b>			
ID	EMAPA:27853	Is Group Term	false
Name	s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP] EMAPA:28500[early tubule]		
Group Parents			
Synonyms	[stage II nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

<b>Modified Component 439</b>			
	early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28500>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17952>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17954>		
	4. order=1 for EMAPA:28500 order=6 for EMAPA:17954 order=2 for EMAPA:17952		

<b>Modified Component 440</b>			
ID	EMAPA:27841	Is Group Term	false
Name	upper limb of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[distal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27835>		
	2. order=0 for EMAPA:27835		

<b>Modified Component 441</b>			
ID	EMAPA:27847	Is Group Term	false
Name	lower limb of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		

Modified Component 441			
Group Parents			
Synonyms	[proximal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27835>		
	2. order=1 for EMAPA:27835		

Modified Component 442			
ID	EMAPA:31582	Is Group Term	false
Name	distal renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), distal renal vesicle(EMAPA:31582)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), distal renal vesicle(EMAPA:31582)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal vesicle(EMAPA:27678), distal renal vesicle(EMAPA:31582)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal vesicle(EMAPA:27678), distal renal vesicle(EMAPA:31582)]		

Modified Component 442			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27678>		
	2. order=1 for EMAPA:27678		

Modified Component 443			
ID	EMAPA:31579	Is Group Term	false
Name	developing vasculature of urinary system		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system(EMAPA:31579)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system(EMAPA:31579)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <21 for EMAPA:17366>		
	2. Different Parents - Referenced Component EMAPA:31579 has parents [EMAPA:31581, EMAPA:17366]		
	3. order=21 for EMAPA:17366		

Modified Component 444			
ID	EMAPA:31578	Is Group Term	false
Name	developing vasculature of genitourinary system		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), developing vasculature of genitourinary system(EMAPA:31578)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), developing vasculature of genitourinary system(EMAPA:31578)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:16367>		
	2. order=17 for EMAPA:16367		

Modified Component 445			
ID	EMAPA:27835	Is Group Term	false

Modified Component 445			
Name	comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17952>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17954>		
	3. order=4 for EMAPA:17954 order=1 for EMAPA:17952		

Modified Component 446			
ID	EMAPA:31571	Is Group Term	true
Name	cortical renal tubule of capillary loop nephron GROUP		
Starts At	TS22	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:18976[cortical renal tubule]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		



**Modified Component 446**

metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]
12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),

Modified Component 446			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(EMAPA:31571)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18976>		
	2. order=6 for EMAPA:18976		

Modified Component 447			
ID	EMAPA:31570	Is Group Term	true
Name	cortical renal tubule of maturing nephron GROUP		
Starts At	TS22	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:18976[cortical renal tubule]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		

Modified Component 447			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of maturing nephron GROUP(EMAPA:31570)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
	Comments		
	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:18976>		
	2. order=7 for EMAPA:18976		

Modified Component 448			
ID	EMAPA:31573	Is Group Term	false
Name	mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21

Modified Component 448			
Primary Parents	EMAPA:30893[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30893>		
	2. order=0 for EMAPA:30893		

Modified Component 449			
ID	EMAPA:31572	Is Group Term	false
Name	dorsal mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:31573[mesenchyme of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573), dorsal mesenchyme of pelvic urethra(EMAPA:31572)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893), mesenchyme of pelvic urethra(EMAPA:31573), dorsal mesenchyme of pelvic urethra(EMAPA:31572)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31573>		
	2. order=0 for EMAPA:31573		

Modified Component 450			
ID	EMAPA:31575	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30907[mesenchymal layer of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903),		

<b>Modified Component 450</b>			
	mesenchymal layer of pelvic urethra(EMAPA:30907), mesenchymal layer of dorsal pelvic urethra(EMAPA:31575)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907), mesenchymal layer of dorsal pelvic urethra(EMAPA:31575)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30907>		
	2. order=0 for EMAPA:30907		

<b>Modified Component 451</b>			
ID	EMAPA:31574	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30907[mesenchymal layer of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907), mesenchymal layer of ventral pelvic urethra(EMAPA:31574)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907), mesenchymal layer of ventral pelvic urethra(EMAPA:31574)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30907>		
	2. order=1 for EMAPA:30907		

<b>Modified Component 452</b>			
ID	EMAPA:31577	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30909[muscle layer of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909), muscle layer of dorsal pelvic urethra(EMAPA:31577)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic		

Modified Component 452			
	urethra(EMAPA:30909), muscle layer of dorsal pelvic urethra(EMAPA:31577)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30909>		
	2. order=0 for EMAPA:30909		

Modified Component 453			
ID	EMAPA:31576	Is Group Term	false
Name	muscle layer of ventral pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30909[muscle layer of pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909), muscle layer of ventral pelvic urethra(EMAPA:31576)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909), muscle layer of ventral pelvic urethra(EMAPA:31576)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30909>		
	2. order=1 for EMAPA:30909		

Modified Component 454			
ID	EMAPA:31580	Is Group Term	false
Name	developing vasculature of reproductive system		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system(EMAPA:31580)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system(EMAPA:31580)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17381>		
	2. Different Parents - Referenced Component EMAPA:31580 has parents [EMAPA:17381, EMAPA:31581]		
	3. order=5 for EMAPA:17381		

Modified Component 455			
ID	EMAPA:30522	Is Group Term	false
Name	tunica albuginea of ovary		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ovarian capsule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tunica albuginea of ovary(EMAPA:30522)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tunica albuginea of ovary(EMAPA:30522)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17962>		
	2. order=1 for EMAPA:17962		

Modified Component 456			
ID	EMAPA:30528	Is Group Term	false
Name	cranial mesonephric tubule of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29148[mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29148>		
	2. order=0 for EMAPA:29148		

Modified Component 457			
ID	EMAPA:29274	Is Group Term	false
Name	epithelium of ductus deferens		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		



Modified Component 457			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18681>		
	2. order=0 for EMAPA:18681		

Modified Component 458			
ID	EMAPA:29270	Is Group Term	false
Name	muscle layer of ductus deferens		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

<b>Modified Component 458</b>			
	system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18681>		
	2. order=1 for EMAPA:18681		

<b>Modified Component 459</b>			
ID	EMAPA:30536	Is Group Term	false
Name	rest of cranial mesonephric tubule of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:30528[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), rest of cranial mesonephric tubule of male(EMAPA:30536)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), rest of cranial mesonephric tubule of male(EMAPA:30536)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30528>		
	2. order=1 for EMAPA:30528		

<b>Modified Component 460</b>			
ID	EMAPA:30532	Is Group Term	false
Name	mesonephric glomerulus of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:30528[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), mesonephric glomerulus of male(EMAPA:30532)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 460			
	system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), mesonephric glomerulus of male(EMAPA:30532)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30528>		
	2. order=0 for EMAPA:30528		

Modified Component 461			
ID	EMAPA:29288	Is Group Term	false
Name	glans penis		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17969>		
	2. order=6 for EMAPA:17969		

--

Modified Component 462			
ID	EMAPA:29286	Is Group Term	false
Name	rest of the seminal vesicle		
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), rest of the seminal vesicle(EMAPA:29286)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), rest of the seminal vesicle(EMAPA:29286)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:19180>		
	2. order=6 for EMAPA:19180		

Modified Component 463			
ID	EMAPA:29282	Is Group Term	false
Name	duct of the seminal vesicle		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), duct of the seminal vesicle(EMAPA:29282)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), duct of the seminal vesicle(EMAPA:29282)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19180>		
	2. order=3 for EMAPA:19180		

Modified Component 464			
ID	EMAPA:30547	Is Group Term	false
Name	mesonephric glomerulus of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30544[cranial mesonephric tubule of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 464			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), mesonephric glomerulus of female(EMAPA:30547)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), mesonephric glomerulus of female(EMAPA:30547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30544>		
	2. order=0 for EMAPA:30544		

Modified Component 465			
ID	EMAPA:30544	Is Group Term	false
Name	cranial mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28919[mesonephric tubule of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28919>		
	2. order=0 for EMAPA:28919		

Modified Component 466			
ID	EMAPA:30540	Is Group Term	false
Name	caudal mesonephric tubule of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29148[mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 466			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), caudal mesonephric tubule of male(EMAPA:30540)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), caudal mesonephric tubule of male(EMAPA:30540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29148>		
	2. order=1 for EMAPA:29148		

Modified Component 467			
ID	EMAPA:30556	Is Group Term	false
Name	cranial mesonephric tubule of male		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:29138>		
	2. order=3 for EMAPA:29138		

Modified Component 468			
ID	EMAPA:30558	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:30556[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), rest of cranial mesonephric		

Modified Component 468			
	tubule(EMAPA:30558)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), rest of cranial mesonephric tubule(EMAPA:30558)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30556>		
	2. order=1 for EMAPA:30556		

Modified Component 469			
ID	EMAPA:30553	Is Group Term	false
Name	caudal mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28919[mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), caudal mesonephric tubule of female(EMAPA:30553)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), caudal mesonephric tubule of female(EMAPA:30553)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28919>		
	2. order=1 for EMAPA:28919		

Modified Component 470			
ID	EMAPA:30550	Is Group Term	false
Name	rest of cranial mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30544[cranial mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), rest of cranial mesonephric tubule of female(EMAPA:30550)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



<b>Modified Component 470</b>			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), rest of cranial mesonephric tubule of female(EMAPA:30550)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30544>		
	2. order=1 for EMAPA:30544		

<b>Modified Component 471</b>			
ID	EMAPA:29226	Is Group Term	false
Name	mesenchyme of male preputial swelling		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external		

<b>Modified Component 471</b>			
	genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:29220>		
	2. order=2 for EMAPA:29220		

<b>Modified Component 472</b>			
ID	EMAPA:29223	Is Group Term	false
Name	surface epithelium of male preputial swelling		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		

Modified Component 472			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29220>		
	2. order=0 for EMAPA:29220		

Modified Component 473			
ID	EMAPA:29220	Is Group Term	false
Name	preputial swelling of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[prepuce of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17969>		
	2. order=7 for EMAPA:17969		

--

Modified Component 474			
ID	EMAPA:16245	Is Group Term	false
Name	visceral organ		
Starts At	TS12	Ends At	TS28
Primary Parents	EMAPA:16103[organ system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:16103>		
	2. order=0 for EMAPA:16103		

Modified Component 475			
ID	EMAPA:30509	Is Group Term	false
Name	labioscrotal swelling of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30977>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <23 for EMAPA:17968>		
	3. order=23 for EMAPA:17968 order=2 for EMAPA:30977		

Modified Component 476			
ID	EMAPA:29244	Is Group Term	false
Name	peritubular myoid cell		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), peritubular myoid cell(EMAPA:29244)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), peritubular myoid cell(EMAPA:29244)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18685>		
	2. order=2 for EMAPA:18685		

Modified Component 477			
ID	EMAPA:30502	Is Group Term	false
Name	preputial gland of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive		

<b>Modified Component 477</b>			
	structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29220>		
	2. order=1 for EMAPA:29220		

<b>Modified Component 478</b>			
ID	EMAPA:29252	Is Group Term	false
Name	glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[distal genital tubercle of male, penis anlage]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		



Modified Component 478			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17969>		
	2. Different Synonyms - Referenced Component EMAPA:29252 has synonyms [distal genital tubercle of male, penis, penis anlage]		
	3. order=5 for EMAPA:17969		

Modified Component 479			
ID	EMAPA:29254	Is Group Term	false
Name	mesenchyme of glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29252[glans of male genital tubercle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of		



Modified Component 479			
	male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29252>		
	2. order=1 for EMAPA:29252		

Modified Component 480			
ID	EMAPA:29256	Is Group Term	false
Name	surface epithelium of glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29252[glans of male genital tubercle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		

<b>Modified Component 480</b>			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29252>		
	2. order=0 for EMAPA:29252		

<b>Modified Component 481</b>			
ID	EMAPA:30515	Is Group Term	false
Name	surface epithelium of labioscrotal swelling of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:30509[labioscrotal swelling of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30509>		
	2. order=0 for EMAPA:30509		

<b>Modified Component 482</b>			
ID	EMAPA:30512	Is Group Term	false
Name	mesenchyme of labioscrotal swelling of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:30509[labioscrotal swelling of male]		

Modified Component 482			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30509>		
	2. order=1 for EMAPA:30509		

Modified Component 483			
ID	EMAPA:29202	Is Group Term	false
Name	mesenchyme of degenerating rest of paramesonephric duct of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:29196[degenerating rest of paramesonephric duct of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), mesenchyme of degenerating rest of paramesonephric duct of male(EMAPA:29202)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), mesenchyme of degenerating rest of paramesonephric duct of male(EMAPA:29202)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29196>		

<b>Modified Component 483</b>			
		2. order=1 for EMAPA:29196	

  

<b>Modified Component 484</b>			
ID	EMAPA:29207	Is Group Term	false
Name	mesenchyme of distal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:29205[distal genital tubercle of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]</p> <p>4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]</p> <p>5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:29205&gt;</p> <p>2. order=1 for EMAPA:29205</p>		

  

--

<b>Modified Component 485</b>			
<i>ID</i>	EMAPA:29205	<i>Is Group Term</i>	false
<i>Name</i>	distal genital tubercle of male		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:17969[genital tubercle of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[glans of male]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17969>		
	2. order=3 for EMAPA:17969		

<b>Modified Component 486</b>			
<i>ID</i>	EMAPA:29209	<i>Is Group Term</i>	false
<i>Name</i>	surface epithelium of distal genital tubercle of male		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:29205[distal genital tubercle of male]		
<i>Group Parents</i>			

Modified Component 486			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29205>		
	2. order=0 for EMAPA:29205		

Modified Component 487			
ID	EMAPA:28518	Is Group Term	true
Name	renal interstitium group		
Starts At	TS21	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

<b>Modified Component 487</b>			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <26 for EMAPA:17373>		
	2. order=26 for EMAPA:17373		

<b>Modified Component 488</b>			
ID	EMAPA:30560	Is Group Term	false
Name	mesonephric glomerulus of male		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:30556[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), mesonephric glomerulus of male(EMAPA:30560)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), mesonephric glomerulus of male(EMAPA:30560)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30556>		
	2. order=0 for EMAPA:30556		

<b>Modified Component 489</b>			
ID	EMAPA:30562	Is Group Term	false
Name	cranial mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27588[mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial		



Modified Component 489			
	mesonephric tubule(EMAPA:30562)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27588>		
	2. order=0 for EMAPA:27588		

Modified Component 490			
ID	EMAPA:30565	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:30562[cranial mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), rest of cranial mesonephric tubule(EMAPA:30565)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), rest of cranial mesonephric tubule(EMAPA:30565)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30562>		
	2. order=1 for EMAPA:30562		

Modified Component 491			
ID	EMAPA:30568	Is Group Term	false
Name	mesonephric glomerulus		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:30562[cranial mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), mesonephric glomerulus(EMAPA:30568)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), mesonephric glomerulus(EMAPA:30568)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30562>		

<b>Modified Component 491</b>			
	2. order=0 for EMAPA:30562		

<b>Modified Component 492</b>			
<i>ID</i>	EMAPA:30571	<i>Is Group Term</i>	false
<i>Name</i>	caudal mesonephric tubule		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:27588[mesonephric tubule]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), caudal mesonephric tubule(EMAPA:30571)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), caudal mesonephric tubule(EMAPA:30571)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27588> 2. order=1 for EMAPA:27588		

<b>Modified Component 493</b>			
<i>ID</i>	EMAPA:28506	<i>Is Group Term</i>	true
<i>Name</i>	developing capillary loop stage nephron GROUP		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:17952[renal cortex]		
<i>Synonyms</i>	[stage III nephron]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:17952> 2. order=14 for EMAPA:17952		

<b>Modified Component 494</b>			
<i>ID</i>	EMAPA:30576	<i>Is Group Term</i>	false
<i>Name</i>	cranial mesonephric tubule		
<i>Starts At</i>	TS19	<i>Ends At</i>	TS19

<b>Modified Component 494</b>			
Primary Parents	EMAPA:27659[mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27659>		
	2. order=0 for EMAPA:27659		

<b>Modified Component 495</b>			
ID	EMAPA:30574	Is Group Term	false
Name	caudal mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27659[mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), caudal mesonephric tubule(EMAPA:30574)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), caudal mesonephric tubule(EMAPA:30574)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27659>		
	2. order=1 for EMAPA:27659		

<b>Modified Component 496</b>			
ID	EMAPA:30578	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:30576[cranial mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), rest of cranial		

Modified Component 496			
	mesonephric tubule(EMAPA:30578)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), rest of cranial mesonephric tubule(EMAPA:30578)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30576>		
	2. order=1 for EMAPA:30576		

Modified Component 497			
ID	EMAPA:30580	Is Group Term	false
Name	mesonephric glomerulus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:30576[cranial mesonephric tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), mesonephric glomerulus(EMAPA:30580)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), mesonephric glomerulus(EMAPA:30580)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30576>		
	2. order=0 for EMAPA:30576		

Modified Component 498			
ID	EMAPA:28500	Is Group Term	true
Name	early tubule		
Starts At	TS22	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 498	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17952>
	2. order=13 for EMAPA:17952

Modified Component 499			
ID	EMAPA:28555	Is Group Term	false
Name	urethral plate		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral plate(EMAPA:28555)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral plate(EMAPA:28555)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <19 for EMAPA:17366>		
	2. order=19 for EMAPA:17366		

Modified Component 500			
ID	EMAPA:27925	Is Group Term	false
Name	associated interstitium of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), associated interstitium of renal corpuscle(EMAPA:27925)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907),		

Modified Component 500			
	associated interstitium of renal corpuscle(EMAPA:27925)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), associated interstitium of renal corpuscle(EMAPA:27925)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27907>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28518>		
	3. order=0 for EMAPA:27907 order=1 for EMAPA:28518		

Modified Component 501			
ID	EMAPA:28547	Is Group Term	false
Name	allantois		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), allantois(EMAPA:28547)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 501			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), allantois(EMAPA:28547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17366>		
	2. order=8 for EMAPA:17366		

Modified Component 502			
ID	EMAPA:28561	Is Group Term	false
Name	subepithelial layer		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive lamina propria]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), subepithelial layer(EMAPA:28561)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), subepithelial layer(EMAPA:28561)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27711>		
	2. order=0 for EMAPA:27711		

Modified Component 503			
ID	EMAPA:27913	Is Group Term	false
Name	visceral epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527),		



Modified Component 503			
	capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:27907>		
	2. order=4 for EMAPA:27907		

Modified Component 504			
ID	EMAPA:27919	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 504			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27907>		
	2. order=1 for EMAPA:27907		

Modified Component 505			
ID	EMAPA:28533	Is Group Term	true
Name	male associated reproductive structure		
Starts At	TS23	Ends At	TS23
Primary Parents			
Group Parents	EMAPA:17968[male reproductive system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533)]		

Modified Component 505			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <26 for EMAPA:17968>		
	2. order=26 for EMAPA:17968		

Modified Component 506			
ID	EMAPA:27943	Is Group Term	false
Name	maturing renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP] EMAPA:28485[maturing nephron] EMAPA:28445[stage IV immature nephron] EMAPA:28527[late tubule]		
Group Parents			
Synonyms	[renal corpuscle of Stage IV nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 506			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:28445&gt;</p> <p>2. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:28485&gt;</p> <p>3. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:28527&gt;</p> <p>4. Different Order - Referenced Component has no order entries; This Component has order entry &lt;4 for EMAPA:17952&gt;</p> <p>5. Different Order - Referenced Component has no order entries; This Component has order entry &lt;9 for EMAPA:17954&gt;</p> <p>6. order=0 for EMAPA:28445 order=0 for EMAPA:28485 order=1 for EMAPA:28527 order=9 for EMAPA:17954 order=4 for EMAPA:17952</p>		

Modified Component 507			
ID	EMAPA:28527	Is Group Term	true
Name	late tubule		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;16 for EMAPA:17952&gt;</p> <p>2. order=16 for EMAPA:17952</p>		

Modified Component 508			
ID	EMAPA:27949	Is Group Term	false
Name	maturing glomerular tuft		
Starts At	TS22	Ends At	TS27

Modified Component 508	
Primary Parents	EMAPA:27943[maturing renal corpuscle]
Group Parents	
Synonyms	[maturing glomerulus]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal

<b>Modified Component 508</b>			
	corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27943>		
	2. order=0 for EMAPA:27943		

<b>Modified Component 509</b>			
ID	EMAPA:28540	Is Group Term	true
Name	female associated reproductive structure		
Starts At	TS23	Ends At	TS23
Primary Parents			
Group Parents	EMAPA:17959[female reproductive system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <20 for EMAPA:17959>		
	2. order=20 for EMAPA:17959		

<b>Modified Component 510</b>			
ID	EMAPA:27931	Is Group Term	false
Name	presumptive mesangium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), presumptive mesangium(EMAPA:27931)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive		

Modified Component 510			
	mesangium(EMAPA:27931)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), presumptive mesangium(EMAPA:27931)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28518>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27907>		
	3. order=3 for EMAPA:27907 order=2 for EMAPA:28518		

Modified Component 511			
ID	EMAPA:27937	Is Group Term	false
Name	presumptive endothelium of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			



Modified Component 511	
Synonyms	[ ]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),

Modified Component 511			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27907>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:28457>		
	3. order=2 for EMAPA:27907 order=4 for EMAPA:28457		

Modified Component 512			
ID	EMAPA:28570	Is Group Term	false
Name	outer layer		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive adventitia]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27711>		
	2. order=3 for EMAPA:27711		

Modified Component 513			
ID	EMAPA:27907	Is Group Term	false
Name	capillary loop renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28506[developing capillary loop stage nephron GROUP] EMAPA:17954[early nephron GROUP] EMAPA:28527[late tubule]		
Group Parents			
Synonyms	[renal corpuscle of the stage III nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907)]		

Modified Component 513			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28506>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28527>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17952>		
	4. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17954>		
	5. order=0 for EMAPA:28506 order=0 for EMAPA:28527 order=8 for EMAPA:17954 order=3 for EMAPA:17952		

Modified Component 514			
ID	EMAPA:28567	Is Group Term	false
Name	middle layer		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:27711[ureteral mesenchyme]		

Modified Component 514			
Group Parents			
Synonyms	[presumptive ureteral smooth muscle layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27711>		
	2. order=1 for EMAPA:27711		

Modified Component 515			
ID	EMAPA:27901	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27883[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

Modified Component 515			
	early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27883>		
	2. order=1 for EMAPA:27883		

Modified Component 516			
ID	EMAPA:28588	Is Group Term	false
Name	superficial cellular layer		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[urothelium]		
Group Parents			
Synonyms	[umbrella cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), superficial cellular layer(EMAPA:28588)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), superficial cellular layer(EMAPA:28588)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28089>		
	2. order=0 for EMAPA:28089		

Modified Component 517			
ID	EMAPA:27967	Is Group Term	false
Name	visceral epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		

Modified Component 517			
	cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27949>		
	2. order=2 for EMAPA:27949		

Modified Component 518			
ID	EMAPA:29196	Is Group Term	false
Name	degenerating rest of paramesonephric duct of male		

<b>Modified Component 518</b>			
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:17968[male reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[degenerating Mllerian duct]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17968>		
	2. Different Synonyms - Referenced Component EMAPA:29196 has synonyms [degenerating Müllerian duct, degenerating Mllerian duct]		
	3. order=1 for EMAPA:17968		

<b>Modified Component 519</b>			
<i>ID</i>	EMAPA:29199	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of degenerating rest of paramesonephric duct of male		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:29196[degenerating rest of paramesonephric duct of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29196>		
	2. order=0 for EMAPA:29196		

<b>Modified Component 520</b>			
<i>ID</i>	EMAPA:27955	<i>Is Group Term</i>	false
<i>Name</i>	glomerular capillary system of maturing glomerular tuft		



Modified Component 520			
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[maturing glomerular tuft] EMAPA:28457[renal vasculature] EMAPA:31469[small blood vessels]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 520			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27949> 2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28457> 3. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:31469> 4. order=0 for EMAPA:27949 order=1 for EMAPA:28457 order=5 for EMAPA:31469		

Modified Component 521			
ID	EMAPA:29181	Is Group Term	false

Modified Component 521			
Name	epithelium of rest of nephric duct of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29173[nephric duct of male, rest of]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29173>		
	2. order=0 for EMAPA:29173		

Modified Component 522			
ID	EMAPA:27961	Is Group Term	false
Name	glomerular mesangium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:27961)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 522			
		organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:27961)]	
		7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
		11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]	
Rule Status	PASSED		Edit Status
Comments	CHANGED		
	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27949>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28518>		
	3. order=1 for EMAPA:27949 order=3 for EMAPA:28518		

--

<b>Modified Component 523</b>			
ID	EMAPA:29185	Is Group Term	false
Name	paramesonephric duct of male, rest of		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17968>		
	2. order=2 for EMAPA:17968		

<b>Modified Component 524</b>			
ID	EMAPA:29187	Is Group Term	false
Name	epithelium of rest of paramesonephric duct of male		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:29185[paramesonephric duct of male, rest of]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29185>		
	2. order=0 for EMAPA:29185		

<b>Modified Component 525</b>			
ID	EMAPA:29189	Is Group Term	false
Name	mesenchyme of rest of paramesonephric duct of male		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:29185[paramesonephric duct of male, rest of]		
Group Parents			

Modified Component 525			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29185>		
	2. order=1 for EMAPA:29185		

Modified Component 526			
ID	EMAPA:27985	Is Group Term	false
Name	urinary space of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[Bowman's space]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		



Modified Component 526			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27973>		
	2. order=1 for EMAPA:27973		

Modified Component 527			
ID	EMAPA:27991	Is Group Term	false
Name	juxtaglomerular arteriole		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]		



**Modified Component 527**

2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular

Modified Component 527			
	arteriole(EMAPA:27991)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry &lt2 for EMAPA:27943>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry &lt2 for EMAPA:28457>		
	3. order=2 for EMAPA:27943 order=2 for EMAPA:28457		

Modified Component 528			
ID	EMAPA:27979	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 528			
	system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27973>		
	2. order=0 for EMAPA:27973		

Modified Component 529			
ID	EMAPA:27973	Is Group Term	false
Name	Bowman's capsule		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle]		
Group Parents			
Synonyms	[glomerular capsule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 529			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27943>		
	2. order=1 for EMAPA:27943		

Modified Component 530			
ID	EMAPA:16745	Is Group Term	false
Name	associated mesenchyme		
Starts At	TS15	Ends At	TS16
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			

<b>Modified Component 530</b>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), associated mesenchyme(EMAPA:16745)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), associated mesenchyme(EMAPA:16745)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:16744>		
	2. order=2 for EMAPA:16744		

<b>Modified Component 531</b>			
<i>ID</i>	EMAPA:16744	<i>Is Group Term</i>	false
<i>Name</i>	mesonephros		
<i>Starts At</i>	TS15	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:16367[genitourinary system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:16367>		
	2. order=7 for EMAPA:16367		

<b>Modified Component 532</b>			
<i>ID</i>	EMAPA:16747	<i>Is Group Term</i>	false
<i>Name</i>	tubule		
<i>Starts At</i>	TS15	<i>Ends At</i>	TS16
<i>Primary Parents</i>	EMAPA:16744[mesonephros]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), tubule(EMAPA:16747)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), tubule(EMAPA:16747)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1		

Modified Component 532	
	for EMAPA:16744>
	2. order=1 for EMAPA:16744

Modified Component 533			
ID	EMAPA:16746	Is Group Term	false
Name	non-tubular part		
Starts At	TS15	Ends At	TS16
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), non-tubular part(EMAPA:16746)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), non-tubular part(EMAPA:16746)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:16744>		
	2. order=0 for EMAPA:16744		

Modified Component 534			
ID	EMAPA:31003	Is Group Term	true
Name	adventita of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18986>		
	2. order=5 for EMAPA:18986		

Modified Component 535			
ID	EMAPA:28491	Is Group Term	true
Name	mature nephron		
Starts At	TS25	Ends At	TS28

<b>Modified Component 535</b>			
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <22 for EMAPA:17373>		
	2. order=22 for EMAPA:17373		

<b>Modified Component 536</b>			
ID	EMAPA:28494	Is Group Term	true
Name	ureteric trunk		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:28407[collecting duct] EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28407>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <25 for EMAPA:17373>		
	3. order=25 for EMAPA:17373 order=2 for EMAPA:28407		

<b>Modified Component 537</b>			
ID	EMAPA:28485	Is Group Term	true



<b>Modified Component 537</b>			
Name	maturing nephron		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[stage IV nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17952>		
	2. order=15 for EMAPA:17952		

<b>Modified Component 538</b>			
ID	EMAPA:28477	Is Group Term	true
Name	primitive collecting duct group		
Starts At	TS21	Ends At	TS21
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <23 for EMAPA:17373>		
	2. order=23 for EMAPA:17373		

<b>Modified Component 539</b>			
ID	EMAPA:28457	Is Group Term	true
Name	renal vasculature		
Starts At	TS21	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:31563[developing vasculature of urinary system GROUP] EMAPA:17366[urinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457)]		

Modified Component 539			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <24 for EMAPA:17366> 2. order=24 for EMAPA:17366		

Modified Component 540			
ID	EMAPA:28445	Is Group Term	true
Name	stage IV immature nephron		
Starts At	TS22	Ends At	TS22
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <21 for EMAPA:17373> 2. order=21 for EMAPA:17373		

Modified Component 541			
ID	EMAPA:28425	Is Group Term	true
Name	nephric duct group		
Starts At	TS17	Ends At	TS18
Primary Parents			
Group Parents	EMAPA:16367[genitourinary system]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary		

Modified Component 541			
	system(EMAPA:16367), nephric duct group(EMAPA:28425)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <18 for EMAPA:16367>		
	2. order=18 for EMAPA:16367		

Modified Component 542			
ID	EMAPA:28429	Is Group Term	true
Name	nephric duct group		
Starts At	TS19	Ends At	TS19
Primary Parents			
Group Parents	EMAPA:16245[visceral organ]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:16245>		
	2. order=3 for EMAPA:16245		

Modified Component 543			
ID	EMAPA:28407	Is Group Term	true
Name	collecting duct		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ureteric tree]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <24 for EMAPA:17373>		
	2. order=24 for EMAPA:17373		

Modified Component 544			
ID	EMAPA:28402	Is Group Term	false
Name	postmacula segment		

<b>Modified Component 544</b>			
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28396[distal straight tubule]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527),		

**Modified Component 544**

cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

**Modified Component 544**

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula

Modified Component 544			
	segment(EMAPA:28402)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28396>		
	2. order=2 for EMAPA:28396		

Modified Component 545			
ID	EMAPA:28405	Is Group Term	false
Name	ureteric trunk		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:28477[primitive collecting duct group]		
Group Parents			
Synonyms	[ureteric stalk]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		



Modified Component 545			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28477>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17373>		
	3. order=15 for EMAPA:17373 order=1 for EMAPA:28477		

Modified Component 546			
ID	EMAPA:28387	Is Group Term	false
Name	renal distal tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron		

<b>Modified Component 546</b>			
	GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
	Comments		
	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18976>		
	2. order=4 for EMAPA:18976		

<b>Modified Component 547</b>			
ID	EMAPA:28376	Is Group Term	false
Name	renal vein		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:17366[urinary system] EMAPA:31450[renal venous system]		
Group Parents			

Modified Component 547			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31450>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17366>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:28457>		
	4. order=4 for EMAPA:17366 order=6 for EMAPA:28457 order=0 for EMAPA:31450		

Modified Component 548			
ID	EMAPA:28373	Is Group Term	false
Name	renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system] EMAPA:28457[renal vasculature] EMAPA:31436[renal arterial system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 548			
	organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31436>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17366>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:28457>		
	4. order=3 for EMAPA:17366 order=5 for EMAPA:28457 order=0 for EMAPA:31436		

Modified Component 549			
ID	EMAPA:28370	Is Group Term	false
Name	inner medullary collecting duct		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28349[inner medulla] EMAPA:28494[ureteric trunk]		
Group Parents			
Synonyms	[papillary collecting duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		

Modified Component 549			
	medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary collecting duct(EMAPA:28370)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary collecting duct(EMAPA:28370)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28349>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28494>		
	3. order=2 for EMAPA:28349 order=3 for EMAPA:28494		

Modified Component 550			
ID	EMAPA:16858	Is Group Term	false
Name	gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:16857>		

<b>Modified Component 550</b>			
	2. order=1 for EMAPA:16857		

<b>Modified Component 551</b>			
ID	EMAPA:16859	Is Group Term	false
Name	primordial germ cells		
Starts At	TS16	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:16857>		
	2. order=2 for EMAPA:16857		

<b>Modified Component 552</b>			
ID	EMAPA:16857	Is Group Term	false
Name	gonad		
Starts At	TS16	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[gonad primordium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:16367>		
	2. order=5 for EMAPA:16367		

<b>Modified Component 553</b>			
ID	EMAPA:28396	Is Group Term	false
Name	distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28387[renal distal tubule] EMAPA:31566[cortical renal tubule of mature nephron GROUP]		
Group Parents			

Modified Component 553	
Synonyms	[thick ascending limb]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]



**Modified Component 553**

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

**Modified Component 553**

renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396)]

27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),

Modified Component 553			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28387>		
	2. order=2 for EMAPA:28387		

Modified Component 554			
ID	EMAPA:28399	Is Group Term	false
Name	macula densa		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28396[distal straight tubule] EMAPA:30449[juxtaglomerular complex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), macula densa(EMAPA:28399)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

# Modified Component 554

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),

# Modified Component 554

visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), macula densa(EMAPA:28399)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

Modified Component 554			
	renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	28. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	29. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28396>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30449>		
	3. order=1 for EMAPA:28396 order=1 for EMAPA:30449		

Modified Component 555			
ID	EMAPA:28393	Is Group Term	false
Name	distal convoluted tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31566[cortical renal tubule of mature nephron GROUP] EMAPA:28387[renal distal tubule]		
Group Parents			
Synonyms	[second convoluted tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		



Modified Component 555	
	cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal



# Modified Component 555

tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

**Modified Component 555**

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), distal convoluted tubule(EMAPA:28393)]

27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted

<b>Modified Component 555</b>			
	tubule(EMAPA:28393)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28387>		
	2. order=1 for EMAPA:28387		

<b>Modified Component 556</b>			
ID	EMAPA:28390	Is Group Term	false
Name	early distal tubule		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28387[renal distal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal		

<b>Modified Component 556</b>			
	tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28387>		
	2. order=0 for EMAPA:28387		

<b>Modified Component 557</b>			
ID	EMAPA:28337	Is Group Term	false
Name	outer medullary interstitium		

<b>Modified Component 557</b>			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28310>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:28518>		
	3. order=1 for EMAPA:28310 order=8 for EMAPA:28518		

<b>Modified Component 558</b>			
ID	EMAPA:28346	Is Group Term	false
Name	outer medullary collecting duct		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28494[ureteric trunk] EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494),		

Modified Component 558			
	outer medullary collecting duct(EMAPA:28346)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28494>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:28310>		
	3. order=4 for EMAPA:28310 order=2 for EMAPA:28494		

Modified Component 559			
ID	EMAPA:17948	Is Group Term	false
Name	pelvis		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <19 for EMAPA:17373>		
	2. order=19 for EMAPA:17373		

Modified Component 560			
ID	EMAPA:28325	Is Group Term	false
Name	thin descending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[ ]		



Modified Component 560			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28322>		
	2. order=0 for EMAPA:28322		

Modified Component 561			
ID	EMAPA:28328	Is Group Term	false
Name	thin ascending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[ascending thin limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		



Modified Component 561			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28322>		
	2. order=1 for EMAPA:28322		

Modified Component 562			
ID	EMAPA:17950	Is Group Term	false
Name	ureter		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17366>		
	2. order=7 for EMAPA:17366		

Modified Component 563			
ID	EMAPA:28331	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28322>		
	2. order=3 for EMAPA:28322		

Modified Component 564			
ID	EMAPA:28358	Is Group Term	false
Name	bend		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		

<b>Modified Component 564</b>			
<i>Group Parents</i>			
<i>Synonyms</i>	[U-turn]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28352>		
	2. order=1 for EMAPA:28352		

<b>Modified Component 565</b>			
<i>ID</i>	EMAPA:28364	<i>Is Group Term</i>	false
<i>Name</i>	inner medullary interstitium		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28349[inner medulla] EMAPA:28518[renal interstitium group]		
<i>Group Parents</i>			
<i>Synonyms</i>	[papillary interstitium]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 565			
	metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28349>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:28518>		
	3. order=1 for EMAPA:28349 order=9 for EMAPA:28518		

Modified Component 566			
ID	EMAPA:28361	Is Group Term	false
Name	thin ascending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		
Group Parents			
Synonyms	[ascending thin limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

<b>Modified Component 566</b>			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28352>		
	2. order=2 for EMAPA:28352		

<b>Modified Component 567</b>			
ID	EMAPA:28349	Is Group Term	false
Name	inner medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[papilla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:19279>		
	2. order=5 for EMAPA:19279		

<b>Modified Component 568</b>			
ID	EMAPA:28352	Is Group Term	false
Name	loop of Henle, inner medullary portion		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19280[Loop of Henle group] EMAPA:28349[inner medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 568			
	metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28349>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19280>		
	3. order=0 for EMAPA:28349 order=1 for EMAPA:19280		

Modified Component 569			
ID	EMAPA:28355	Is Group Term	false
Name	thin descending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 569			
	metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28352>		
	2. order=0 for EMAPA:28352		

Modified Component 570			
ID	EMAPA:17975	Is Group Term	false
Name	germ cell of the testis		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29098[primary sex cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), germ cell of the testis(EMAPA:17975)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), germ cell of the testis(EMAPA:17975)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29098>		
	2. order=1 for EMAPA:29098		

Modified Component 571			
ID	EMAPA:17953	Is Group Term	false



Modified Component 571			
Name	nephrogenic interstitium		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27721[nephrogenic zone]		
Group Parents			
Synonyms	[peripheral blastema]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27721>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28518>		
	3. order=0 for EMAPA:27721 order=0 for EMAPA:28518		

Modified Component 572			
ID	EMAPA:17952	Is Group Term	false
Name	renal cortex		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <16 for EMAPA:17373>		
	2. order=16 for EMAPA:17373		

<b>Modified Component 573</b>			
<i>ID</i>	EMAPA:17954	<i>Is Group Term</i>	true
<i>Name</i>	early nephron GROUP		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:17373[metanephros]		
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <20 for EMAPA:17373>		
	2. Different Synonyms - Referenced Component EMAPA:17954 has synonyms [early tubule]		
	3. order=20 for EMAPA:17373		

<b>Modified Component 574</b>			
<i>ID</i>	EMAPA:17956	<i>Is Group Term</i>	false
<i>Name</i>	phallic urethra of male		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18692[urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[external urethra of male]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18692>		
	2. order=2 for EMAPA:18692		

<b>Modified Component 575</b>			
<i>ID</i>	EMAPA:17959	<i>Is Group Term</i>	false
<i>Name</i>	female reproductive system		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17381[reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 575			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17381>		
	2. order=4 for EMAPA:17381		

Modified Component 576			
ID	EMAPA:17961	Is Group Term	false
Name	mesovarium		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system] EMAPA:28540[female associated reproductive structure]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesovarium(EMAPA:17961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), mesovarium(EMAPA:17961)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), mesovarium(EMAPA:17961)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesovarium(EMAPA:17961)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28540>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17959>		
	3. order=4 for EMAPA:17959 order=0 for EMAPA:28540		

Modified Component 577			
ID	EMAPA:28322	Is Group Term	false
Name	loop of Henle, outer medullary portion		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19280[Loop of Henle group] EMAPA:28310[outer		

Modified Component 577			
	medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19280>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28310>		
	3. order=0 for EMAPA:28310 order=0 for EMAPA:19280		

Modified Component 578			
ID	EMAPA:17962	Is Group Term	false
Name	ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 578			
	system(EMAPA:17959), ovary(EMAPA:17962)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17959>		
	2. order=3 for EMAPA:17959		

Modified Component 579			
ID	EMAPA:17966	Is Group Term	false
Name	rete ovarii of ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), rete ovarii of ovary(EMAPA:17966)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), rete ovarii of ovary(EMAPA:17966)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:17962>		
	2. order=15 for EMAPA:17962		

Modified Component 580			
ID	EMAPA:17965	Is Group Term	false
Name	germ cell of ovary		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[oogonia, premeiotic germ cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3		

<b>Modified Component 580</b>	
	for EMAPA:17962>
	2. order=3 for EMAPA:17962

<b>Modified Component 581</b>			
<i>ID</i>	EMAPA:17963	<i>Is Group Term</i>	false
<i>Name</i>	surface epithelium of ovary		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17962[ovary]		
<i>Group Parents</i>			
<i>Synonyms</i>	[coelomic epithelium]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), surface epithelium of ovary(EMAPA:17963)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), surface epithelium of ovary(EMAPA:17963)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17962>		
	2. order=0 for EMAPA:17962		

<b>Modified Component 582</b>			
<i>ID</i>	EMAPA:17969	<i>Is Group Term</i>	false
<i>Name</i>	genital tubercle of male		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia] EMAPA:28533[male associated reproductive structure]		
<i>Group Parents</i>			
<i>Synonyms</i>	[penis anlage]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

<b>Modified Component 582</b>			
	system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969)]		
	Rule Status	PASSED	Edit Status CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28533>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30977>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <20 for EMAPA:17968>		
	4. order=20 for EMAPA:17968 order=0 for EMAPA:28533 order=0 for EMAPA:30977		

<b>Modified Component 583</b>			
ID	EMAPA:17968	Is Group Term	false
Name	male reproductive system		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17381>		
	2. order=2 for EMAPA:17381		

<b>Modified Component 584</b>			
ID	EMAPA:28310	Is Group Term	false
Name	outer medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[ ]		



<b>Modified Component 584</b>			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:19279>		
	2. order=4 for EMAPA:19279		

<b>Modified Component 585</b>			
ID	EMAPA:17972	Is Group Term	false
Name	testis		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17968>		
	2. order=4 for EMAPA:17968		

<b>Modified Component 586</b>			
ID	EMAPA:17973	Is Group Term	false
Name	coelomic epithelium of testis		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), coelomic epithelium of testis(EMAPA:17973)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), coelomic epithelium of testis(EMAPA:17973)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 586	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17972>
	2. order=0 for EMAPA:17972

Modified Component 587			
ID	EMAPA:17970	Is Group Term	false
Name	nephric duct of male, mesonephric portion		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[mesonephric duct of male, mesonephric portion, Wolffian duct of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), nephric duct of male, mesonephric portion(EMAPA:17970)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), nephric duct of male, mesonephric portion(EMAPA:17970)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29138>		
	2. order=0 for EMAPA:29138		

Modified Component 588			
ID	EMAPA:17971	Is Group Term	false
Name	mesorchium		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesorchium(EMAPA:17971)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 588			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), mesorchium(EMAPA:17971)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28533>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <19 for EMAPA:17968>		
	3. order=19 for EMAPA:17968 order=1 for EMAPA:28533		

Modified Component 589			
ID	EMAPA:30037	Is Group Term	false
Name	renal cortical capillary		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal cortical vasculature] EMAPA:31443[renal capillaries] EMAPA:31469[small blood vessels]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical capillary(EMAPA:30037)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal cortical capillary(EMAPA:30037)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal cortical capillary(EMAPA:30037)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal cortical capillary(EMAPA:30037)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal cortical capillary(EMAPA:30037)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical capillary(EMAPA:30037)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31469>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31443>		

Modified Component 589	
	3. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28142>
	4. order=2 for EMAPA:28142 order=1 for EMAPA:31443 order=0 for EMAPA:31469

Modified Component 590			
ID	EMAPA:31235	Is Group Term	true
Name	developing vasculature system of epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:19290[epididymis]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:19290>		
	2. order=11 for EMAPA:19290		

Modified Component 591			
ID	EMAPA:30031	Is Group Term	false
Name	glomerular mesangium of Bowman's capsule		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527),		

Modified Component 591			
	maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:27973>		
	2. order=2 for EMAPA:27973		

Modified Component 592			
ID	EMAPA:30801	Is Group Term	false
Name	vasculature of bulbourethral gland		

<b>Modified Component 592</b>			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbourethral gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), vasculature of bulbourethral gland(EMAPA:30801)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), vasculature of bulbourethral gland(EMAPA:30801)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19286>		
	2. order=2 for EMAPA:19286		

<b>Modified Component 593</b>			
ID	EMAPA:30809	Is Group Term	false
Name	vasculature of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), vasculature of oviduct(EMAPA:30809)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), vasculature of oviduct(EMAPA:30809)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18984>		
	2. order=5 for EMAPA:18984		

<b>Modified Component 594</b>			
ID	EMAPA:30807	Is Group Term	false
Name	vasculature of penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[ ]		

Modified Component 594			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18682>		
	2. order=3 for EMAPA:18682		

Modified Component 595			
ID	EMAPA:28281	Is Group Term	false
Name	renal proximal tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		



Modified Component 595			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 595	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18976>
	2. order=1 for EMAPA:18976

Modified Component 596			
ID	EMAPA:30805	Is Group Term	false
Name	vasculature of prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), vasculature of prostate gland(EMAPA:30805)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), vasculature of prostate gland(EMAPA:30805)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19287>		
	2. order=3 for EMAPA:19287		

Modified Component 597			
ID	EMAPA:28284	Is Group Term	false
Name	early proximal tubule		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28281[renal proximal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		

# Modified Component 597

tubule(EMAPA:28284)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal

Modified Component 597			
	tubule(EMAPA:28284)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28281>		
	2. order=0 for EMAPA:28281		

Modified Component 598			
ID	EMAPA:28287	Is Group Term	false
Name	renal proximal convoluted tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28281[renal proximal tubule] EMAPA:31566[cortical renal tubule of mature nephron GROUP]		
Group Parents			
Synonyms	[first convoluted tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature		

**Modified Component 598**

nephron(EMAPA:28445), cortical renal  
tubule(EMAPA:18976), renal proximal  
tubule(EMAPA:28281), renal proximal convoluted  
tubule(EMAPA:28287)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), developing capillary loop  
stage nephron GROUP(EMAPA:28506), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
mature nephron GROUP(EMAPA:31566), renal proximal  
convoluted tubule(EMAPA:28287)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), developing capillary loop  
stage nephron GROUP(EMAPA:28506), cortical renal  
tubule(EMAPA:18976), renal proximal  
tubule(EMAPA:28281), renal proximal convoluted  
tubule(EMAPA:28287)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), late tubule(EMAPA:28527),  
cortical renal tubule(EMAPA:18976), cortical renal  
tubule of mature nephron GROUP(EMAPA:31566), renal  
proximal convoluted tubule(EMAPA:28287)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), late tubule(EMAPA:28527),  
cortical renal tubule(EMAPA:18976), renal proximal  
tubule(EMAPA:28281), renal proximal convoluted  
tubule(EMAPA:28287)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),  
cortical renal tubule(EMAPA:18976), cortical renal  
tubule of mature nephron GROUP(EMAPA:31566), renal  
proximal convoluted tubule(EMAPA:28287)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),  
cortical renal tubule(EMAPA:18976), renal proximal  
tubule(EMAPA:28281), renal proximal convoluted  
tubule(EMAPA:28287)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), renal  
cortex(EMAPA:17952), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
mature nephron GROUP(EMAPA:31566), renal proximal  
convoluted tubule(EMAPA:28287)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), cortical renal tubule of  
mature nephron GROUP(EMAPA:31566), renal proximal  
convoluted tubule(EMAPA:28287)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),  
organ system(EMAPA:16103), visceral  
organ(EMAPA:16245), urinary system(EMAPA:17366),  
metanephros(EMAPA:17373), early nephron  
GROUP(EMAPA:17954), cortical renal  
tubule(EMAPA:18976), renal proximal

# Modified Component 598

tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]
15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]
17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]
19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]
21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal



Modified Component 598			
	tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28281>		
	2. order=1 for EMAPA:28281		

Modified Component 599			
ID	EMAPA:31240	Is Group Term	false
Name	surface epithelium of testis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), surface epithelium of testis(EMAPA:31240)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), surface		



Modified Component 599			
	epithelium of testis(EMAPA:31240)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17972>		
	2. order=10 for EMAPA:17972		

Modified Component 600			
ID	EMAPA:31247	Is Group Term	false
Name	follicle cell of primordial follicle		
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:30755[primordial follicle]		
Group Parents			
Synonyms	[granulosa cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), follicle cell of primordial follicle(EMAPA:31247)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), follicle cell of primordial follicle(EMAPA:31247)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30755>		
	2. order=1 for EMAPA:30755		

Modified Component 601			
ID	EMAPA:30813	Is Group Term	false
Name	vasculature of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), vasculature of vagina(EMAPA:30813)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), vasculature of vagina(EMAPA:30813)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18986>		
	2. order=2 for EMAPA:18986		

Modified Component 602			
ID	EMAPA:30811	Is Group Term	false
Name	vasculature of uterus		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), vasculature of uterus(EMAPA:30811)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), vasculature of uterus(EMAPA:30811)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:29915>		
	2. order=4 for EMAPA:29915		

Modified Component 603			
ID	EMAPA:28272	Is Group Term	false
Name	rest of afferent arteriole		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28266[afferent arteriole]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent		

Modified Component 603			
	arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1		

<b>Modified Component 603</b>	
	for EMAPA:28266>
	2. order=1 for EMAPA:28266

<b>Modified Component 604</b>			
ID	EMAPA:30819	Is Group Term	false
Name	clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30984[female external genitalia] EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[genital tubercle of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30984>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17959>		
	3. order=13 for EMAPA:17959 order=1 for EMAPA:30984		

<b>Modified Component 605</b>			
ID	EMAPA:28275	Is Group Term	false
Name	efferent arteriole		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31469[small blood vessels] EMAPA:28236[mature renal corpuscle] EMAPA:31450[renal venous system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 605			
	renal venous system(EMAPA:31450), efferent arteriole(EMAPA:28275)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), efferent arteriole(EMAPA:28275)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), efferent arteriole(EMAPA:28275)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), efferent arteriole(EMAPA:28275)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31469> 2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28236> 3. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:31450> 4. order=3 for EMAPA:28236 order=4 for EMAPA:31450 order=1 for EMAPA:31469		

Modified Component 606			

<b>Modified Component 606</b>			
ID	EMAPA:31250	Is Group Term	false
Name	cremaster muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cremaster muscle(EMAPA:31250)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cremaster muscle(EMAPA:31250)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17968>		
	2. order=5 for EMAPA:17968		

<b>Modified Component 607</b>			
ID	EMAPA:28278	Is Group Term	false
Name	extraglomerular mesangium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30449[juxtaglomerular complex] EMAPA:28518[renal interstitium group] EMAPA:28236[mature renal corpuscle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), extraglomerular mesangium(EMAPA:28278)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), extraglomerular		

<b>Modified Component 607</b>			
	mesangium(EMAPA:28278)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), extraglomerular mesangium(EMAPA:28278)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30449> 2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:28236> 3. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:28518> 4. order=4 for EMAPA:28236 order=5 for EMAPA:28518 order=0 for EMAPA:30449		

<b>Modified Component 608</b>			
ID	EMAPA:31214	Is Group Term	false
Name	developing vasculature of oviduct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), developing vasculature of oviduct(EMAPA:31214)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984),		



Modified Component 608			
	developing vasculature of oviduct(EMAPA:31214)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18984>		
	2. order=4 for EMAPA:18984		

Modified Component 609			
ID	EMAPA:30011	Is Group Term	false
Name	endothelium of renal vein		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28376[renal vein]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28376>		

<b>Modified Component 609</b>			
	2. order=1 for EMAPA:28376		

<b>Modified Component 610</b>			
ID	EMAPA:17209	Is Group Term	false
Name	ureteric bud		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17207[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17207>		
	2. order=1 for EMAPA:17207		

<b>Modified Component 611</b>			
ID	EMAPA:17208	Is Group Term	false
Name	metanephric mesenchyme		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17207[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), metanephric mesenchyme(EMAPA:17208)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), metanephric mesenchyme(EMAPA:17208)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17207>		
	2. order=0 for EMAPA:17207		

<b>Modified Component 612</b>			
ID	EMAPA:17207	Is Group Term	false
Name	metanephros		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			

Modified Component 612			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:16367>		
	2. order=11 for EMAPA:16367		

Modified Component 613			
ID	EMAPA:29788	Is Group Term	false
Name	rest of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), rest of ejaculatory duct(EMAPA:29788)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), rest of ejaculatory duct(EMAPA:29788)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19088>		
	2. order=1 for EMAPA:19088		

Modified Component 614			
ID	EMAPA:30821	Is Group Term	false
Name	crus of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		

Modified Component 614			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30819>		
	2. order=0 for EMAPA:30819		

Modified Component 615			
ID	EMAPA:30019	Is Group Term	false
Name	smooth muscle layer of renal vein		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28376[renal vein]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal		

<b>Modified Component 615</b>			
	vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28376>		
	2. order=2 for EMAPA:28376		

<b>Modified Component 616</b>			
ID	EMAPA:31219	Is Group Term	false
Name	developing vasculature of upper part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18987[upper part of vagina] EMAPA:31229[developing vasculature of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31229>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18987>		
	3. order=3 for EMAPA:18987 order=1 for EMAPA:31229		

<b>Modified Component 617</b>			
ID	EMAPA:30825	Is Group Term	false

Modified Component 617			
Name	epithelial layer of crus of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30821[crus of clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30821>		
	2. order=0 for EMAPA:30821		

Modified Component 618			
ID	EMAPA:30823	Is Group Term	false
Name	os clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30821[crus of clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 618			
	system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30821>		
	2. order=2 for EMAPA:30821		

Modified Component 619			
ID	EMAPA:29790	Is Group Term	false
Name	epithelial component of bulbourethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbourethral gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19286>		
	2. order=0 for EMAPA:19286		

Modified Component 620			
ID	EMAPA:30829	Is Group Term	false
Name	glans clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		



Modified Component 620			
	system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30819>		
	2. order=1 for EMAPA:30819		

Modified Component 621			
ID	EMAPA:28260	Is Group Term	false
Name	parietal epithelium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28257[Bowman's capsule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal		

<b>Modified Component 621</b>			
	epithelium(EMAPA:28260)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28257>		
	2. order=0 for EMAPA:28257		

<b>Modified Component 622</b>			
ID	EMAPA:30827	Is Group Term	false
Name	mesenchymal layer of crus of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30821[crus of clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30821>		
	2. order=1 for EMAPA:30821		

<b>Modified Component 623</b>			
ID	EMAPA:29798	Is Group Term	false
Name	glandular epithelium of anterior prostate		
Starts At	TS28	Ends At	TS28

Modified Component 623			
Primary Parents	EMAPA:29796[anterior prostatic epithelium]		
Group Parents			
Synonyms	[secretory epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796), glandular epithelium of anterior prostate(EMAPA:29798)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796), glandular epithelium of anterior prostate(EMAPA:29798)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29796>		
	2. order=0 for EMAPA:29796		

Modified Component 624			
ID	EMAPA:28266	Is Group Term	false
Name	afferent arteriole		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:31469[small blood vessels] EMAPA:28236[mature renal corpuscle] EMAPA:31450[renal venous system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 624			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	Rule Status	PASSED	Edit Status CHANGED
	Comments		
	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:28457>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28236>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:31450>		
	4. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:31469>		

Modified Component 624	
	5. order=2 for EMAPA:28236 order=12 for EMAPA:28457 order=3 for EMAPA:31450 order=3 for EMAPA:31469

Modified Component 625			
ID	EMAPA:29796	Is Group Term	false
Name	anterior prostatic epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29794[anterior prostate gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29794>		
	2. order=0 for EMAPA:29794		

Modified Component 626			
ID	EMAPA:17211	Is Group Term	false
Name	urogenital sinus		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:16367>		
	2. order=12 for EMAPA:16367		

Modified Component 627			
ID	EMAPA:28269	Is Group Term	false

Modified Component 627			
Name	part of afferent arteriole forming the juxtaglomerular complex		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28266[afferent arteriole] EMAPA:30449[juxtaglomerular complex]		
Group Parents			
Synonyms	[renin-producing cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		

Modified Component 627			
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28266>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30449>		
	3. order=0 for EMAPA:28266 order=2 for EMAPA:30449		

Modified Component 628			
ID	EMAPA:17212	Is Group Term	false
Name	urorectal septum		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			



Modified Component 628			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urorectal septum(EMAPA:17212)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urorectal septum(EMAPA:17212)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <15 for EMAPA:16367>		
	2. order=15 for EMAPA:16367		

Modified Component 629			
ID	EMAPA:29794	Is Group Term	false
Name	anterior prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[coagulating gland]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19287>		
	2. order=0 for EMAPA:19287		

Modified Component 630			
ID	EMAPA:28263	Is Group Term	false
Name	urinary space of renal corpuscle		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28257[Bowman's capsule]		
Group Parents			
Synonyms	[Bowman's space]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 630			
	metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28257>		
	2. order=1 for EMAPA:28257		

Modified Component 631			
ID	EMAPA:17210	Is Group Term	false
Name	urogenital membrane		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital membrane(EMAPA:17210)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital membrane(EMAPA:17210)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:16367>		
	2. order=14 for EMAPA:16367		

Modified Component 632			
ID	EMAPA:29792	Is Group Term	false
Name	interstitium of bulbourethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbourethral gland]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), interstitium of bulbourethral gland(EMAPA:29792)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), interstitium of bulbourethral gland(EMAPA:29792)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19286>		
	2. order=1 for EMAPA:19286		

Modified Component 633			
ID	EMAPA:31224	Is Group Term	false
Name	developing vasculature of lower part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18999[lower part of vagina] EMAPA:31229[developing vasculature of vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), developing vasculature of lower part of vagina(EMAPA:31224)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of lower part of vagina(EMAPA:31224)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of lower part of vagina(EMAPA:31224)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower		

<b>Modified Component 633</b>			
	part of vagina(EMAPA:18999), developing vasculature of lower part of vagina(EMAPA:31224)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31229>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18999>		
	3. order=3 for EMAPA:18999 order=0 for EMAPA:31229		

<b>Modified Component 634</b>			
ID	EMAPA:30003	Is Group Term	false
Name	smooth muscle layer of renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

<b>Modified Component 634</b>			
	system(EMAPA:17366), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &amp;lt2 for EMAPA:28373&gt;</p> <p>2. order=2 for EMAPA:28373</p>		

<b>Modified Component 635</b>			
ID	EMAPA:28248	Is Group Term	false
Name	glomerular mesangium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28239[glomerular tuft] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:28248)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:28248)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		

Modified Component 635			
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28239>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:28518>		
	3. order=1 for EMAPA:28239 order=4 for EMAPA:28518		

Modified Component 636			
ID	EMAPA:30831	Is Group Term	false
Name	surface epithelium of glans clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30829[glans clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30829>		
	2. order=0 for EMAPA:30829		

Modified Component 637			
ID	EMAPA:30833	Is Group Term	false

Modified Component 637			
Name	mesenchymal layer of glans clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30829[glans clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30829>		
	2. order=1 for EMAPA:30829		

Modified Component 638			
ID	EMAPA:30835	Is Group Term	false
Name	vasculature of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clitoris]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		



Modified Component 638			
	system(EMAPA:17959), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30819>		
	2. order=2 for EMAPA:30819		

Modified Component 639			
ID	EMAPA:31229	Is Group Term	true
Name	developing vasculature of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18986>		
	2. order=6 for EMAPA:18986		

Modified Component 640			
ID	EMAPA:30837	Is Group Term	false
Name	labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system] EMAPA:30984[female external genitalia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 640			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:17959>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:30984>		
	3. order=17 for EMAPA:17959 order=4 for EMAPA:30984		

Modified Component 641			
ID	EMAPA:30839	Is Group Term	false
Name	epithelial layer of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30837>		
	2. order=0 for EMAPA:30837		

Modified Component 642			
ID	EMAPA:28257	Is Group Term	false
Name	Bowman's capsule		

Modified Component 642			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28236[mature renal corpuscle]		
Group Parents			
Synonyms	[glomerular capsule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28236> 2. order=1 for EMAPA:28236		

Modified Component 643			
ID	EMAPA:29786	Is Group Term	false
Name	epithelial layer of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), epithelial layer of ejaculatory duct(EMAPA:29786)]		

Modified Component 643			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), epithelial layer of ejaculatory duct(EMAPA:29786)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19088>		
	2. order=0 for EMAPA:19088		

Modified Component 644			
ID	EMAPA:28254	Is Group Term	false
Name	visceral epithelium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28239[glomerular tuft]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 644	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28239>
	2. order=3 for EMAPA:28239

Modified Component 645			
ID	EMAPA:28251	Is Group Term	false
Name	glomerular basement membrane		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28239[glomerular tuft]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28239>		
	2. order=2 for EMAPA:28239		

--

Modified Component 646			
ID	EMAPA:29769	Is Group Term	false
Name	os penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19294[crus penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19294>		
	2. order=0 for EMAPA:19294		

Modified Component 647			
ID	EMAPA:29767	Is Group Term	false
Name	adventitia of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 647			
	system(EMAPA:17968), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18681>		
	2. order=3 for EMAPA:18681		

Modified Component 648			
ID	EMAPA:29771	Is Group Term	false
Name	epithelium of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19180>		
	2. order=0 for EMAPA:19180		

Modified Component 649			
ID	EMAPA:29775	Is Group Term	false
Name	adventitia of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		



Modified Component 649			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:19180>		
	2. order=4 for EMAPA:19180		

Modified Component 650			
ID	EMAPA:29773	Is Group Term	false
Name	muscle layer of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19180>		
	2. order=1 for EMAPA:19180		

Modified Component 651			
ID	EMAPA:31204	Is Group Term	false
Name	developing vasculature of caput epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19291[caput epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of		

Modified Component 651			
	epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31235>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19291>		
	3. order=3 for EMAPA:19291 order=0 for EMAPA:31235		

Modified Component 652			
ID	EMAPA:31209	Is Group Term	false
Name	developing vasculature of uterine horn		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), developing vasculature of uterine horn(EMAPA:31209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), developing vasculature of uterine horn(EMAPA:31209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18985>		
	2. order=2 for EMAPA:18985		

Modified Component 653			
ID	EMAPA:29755	Is Group Term	false
Name	epithelium of corpus epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:30445[epithelium of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), epithelium of corpus epididymis(EMAPA:29755)]		

Modified Component 653			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), epithelium of corpus epididymis(EMAPA:29755)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19293>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30445>		
	3. order=1 for EMAPA:30445 order=0 for EMAPA:19293		

Modified Component 654			
ID	EMAPA:29757	Is Group Term	false
Name	muscle layer of corpus of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:30447[muscle layer of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), muscle layer of corpus of epididymis(EMAPA:29757)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of corpus of epididymis(EMAPA:29757)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of corpus of epididymis(EMAPA:29757)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), muscle layer of corpus of epididymis(EMAPA:29757)]		

Modified Component 654			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19293>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30447>		
	3. order=1 for EMAPA:30447 order=1 for EMAPA:19293		

Modified Component 655			
ID	EMAPA:29759	Is Group Term	false
Name	adventitia of corpus of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30443[adventitia of epididymis] EMAPA:19293[corpus epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30443>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19293>		
	3. order=1 for EMAPA:30443 order=2 for EMAPA:19293		

Modified Component 656			
ID	EMAPA:29761	Is Group Term	false
Name	epithelium of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30445[epithelium of epididymis] EMAPA:19291[caput epididymis]		

Modified Component 656			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), epithelium of caput of epididymis(EMAPA:29761)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of caput of epididymis(EMAPA:29761)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of caput of epididymis(EMAPA:29761)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), epithelium of caput of epididymis(EMAPA:29761)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19291>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30445>		
	3. order=0 for EMAPA:30445 order=0 for EMAPA:19291		

Modified Component 657			
ID	EMAPA:29763	Is Group Term	false
Name	muscle layer of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30447[muscle layer of epididymis] EMAPA:19291[caput epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), muscle layer of caput of epididymis(EMAPA:29763)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of caput of epididymis(EMAPA:29763)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290),		

Modified Component 657			
	muscle layer of epididymis(EMAPA:30447), muscle layer of caput of epididymis(EMAPA:29763)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), muscle layer of caput of epididymis(EMAPA:29763)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30447>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19291>		
	3. order=0 for EMAPA:30447 order=1 for EMAPA:19291		

Modified Component 658			
ID	EMAPA:29765	Is Group Term	false
Name	adventitia of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19291[caput epididymis] EMAPA:30443[adventitia of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), adventitia of caput of epididymis(EMAPA:29765)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of caput of epididymis(EMAPA:29765)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of caput of epididymis(EMAPA:29765)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), adventitia of caput of epididymis(EMAPA:29765)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30443>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19291>		
	3. order=0 for EMAPA:30443 order=2 for EMAPA:19291		

<b>Modified Component 659</b>			
<i>ID</i>	EMAPA:29749	<i>Is Group Term</i>	false
<i>Name</i>	rest of efferent duct		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18993[efferent duct of seminal vesicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), rest of efferent duct(EMAPA:29749)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), rest of efferent duct(EMAPA:29749)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18993>		
	2. order=1 for EMAPA:18993		

<b>Modified Component 660</b>			
<i>ID</i>	EMAPA:29747	<i>Is Group Term</i>	false
<i>Name</i>	epithelial layer of efferent duct		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18993[efferent duct of seminal vesicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), epithelial layer of efferent duct(EMAPA:29747)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), epithelial layer of efferent duct(EMAPA:29747)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18993>		
	2. order=0 for EMAPA:18993		

<b>Modified Component 661</b>			
<i>ID</i>	EMAPA:29745	<i>Is Group Term</i>	false
<i>Name</i>	septum of scrotum		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19296[scrotum]		



Modified Component 661			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19296>		
	2. order=2 for EMAPA:19296		

Modified Component 662			
ID	EMAPA:29753	Is Group Term	false
Name	adventitia of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30443[adventitia of epididymis] EMAPA:19292[cauda epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), adventitia of cauda of epididymis(EMAPA:29753)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of cauda of epididymis(EMAPA:29753)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of cauda of epididymis(EMAPA:29753)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

<b>Modified Component 662</b>			
	system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), adventitia of cauda of epididymis(EMAPA:29753)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19292>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30443>		
	3. order=2 for EMAPA:30443 order=2 for EMAPA:19292		

<b>Modified Component 663</b>			
ID	EMAPA:29751	Is Group Term	false
Name	muscle layer of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30447[muscle layer of epididymis] EMAPA:19292[cauda epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), muscle layer of cauda of epididymis(EMAPA:29751)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of cauda of epididymis(EMAPA:29751)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of cauda of epididymis(EMAPA:29751)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), muscle layer of cauda of epididymis(EMAPA:29751)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19292>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30447>		
	3. order=2 for EMAPA:30447 order=1 for EMAPA:19292		

<b>Modified Component 664</b>			
ID	EMAPA:29737	Is Group Term	false
Name	stratified layer		

Modified Component 664			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29733[epidermal layer of scrotum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29733>		
	2. order=1 for EMAPA:29733		

Modified Component 665			
ID	EMAPA:29739	Is Group Term	false
Name	dermal layer of scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrotum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296),		

Modified Component 665			
	dermal layer of scrotum(EMAPA:29739)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19296>		
	2. order=1 for EMAPA:19296		

Modified Component 666			
ID	EMAPA:29733	Is Group Term	false
Name	epidermal layer of scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrotum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19296>		
	2. order=0 for EMAPA:19296		

Modified Component 667			
ID	EMAPA:29735	Is Group Term	false
Name	basal layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29733[epidermal layer of scrotum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 667			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29733>		
	2. order=0 for EMAPA:29733		

Modified Component 668			
ID	EMAPA:29741	Is Group Term	false
Name	hair follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29739[dermal layer of scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

<b>Modified Component 668</b>			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29739>		
	2. order=0 for EMAPA:29739		

<b>Modified Component 669</b>			
ID	EMAPA:29743	Is Group Term	false
Name	sweat gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29739[dermal layer of scrotum]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29739>		
	2. order=1 for EMAPA:29739		

<b>Modified Component 670</b>			
ID	EMAPA:28245	Is Group Term	false
Name	glomerular capillary system		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31469[small blood vessels] EMAPA:28457[renal vasculature] EMAPA:28239[glomerular tuft] EMAPA:31443[renal capillaries]		
Group Parents			

Modified Component 670	
Synonyms	[ ]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system(EMAPA:28245)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), glomerular capillary system(EMAPA:28245)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system(EMAPA:28245)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), glomerular capillary system(EMAPA:28245)]



Modified Component 670			
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28239>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28457>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31443>		
	4. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:31469>		
	5. order=0 for EMAPA:28239 order=0 for EMAPA:28457 order=0 for EMAPA:31443 order=4 for EMAPA:31469		

Modified Component 671			
ID	EMAPA:28239	Is Group Term	false
Name	glomerular tuft		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28236[mature renal corpuscle]		
Group Parents			
Synonyms	[glomerulus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron		

Modified Component 671			
	GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28236>		
	2. order=0 for EMAPA:28236		

Modified Component 672			
ID	EMAPA:28230	Is Group Term	false
Name	afferent arteriole		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:27991[juxtaglomerular arteriole]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

# Modified Component 672

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal

<b>Modified Component 672</b>			
	corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:27991&gt;</p> <p>2. order=0 for EMAPA:27991</p>		

<b>Modified Component 673</b>			
ID	EMAPA:28233	Is Group Term	false
Name	efferent arteriole		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:27991[juxtaglomerular arteriole]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent		

<b>Modified Component 673</b>			
	arteriole(EMAPA:28233)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27991>		
	2. order=1 for EMAPA:27991		

<b>Modified Component 674</b>			
ID	EMAPA:28236	Is Group Term	false
Name	mature renal corpuscle		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28491[mature nephron] EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP]		

<b>Modified Component 674</b>			
Group Parents			
Synonyms	[Malpighian corpuscle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17954>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28491>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17952>		
	4. order=2 for EMAPA:28491 order=10 for EMAPA:17954 order=5 for EMAPA:17952		

<b>Modified Component 675</b>			
ID	EMAPA:28221	Is Group Term	false
Name	arcuate vein		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:31450[renal venous system] EMAPA:28152[renal cortical venous system] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical		



Modified Component 675			
	vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), arcuate vein(EMAPA:28221)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), arcuate vein(EMAPA:28221)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), arcuate vein(EMAPA:28221)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), arcuate vein(EMAPA:28221)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28152>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <14 for EMAPA:28457>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31450>		
	4. order=1 for EMAPA:28152 order=14 for EMAPA:28457 order=2 for EMAPA:31450		

Modified Component 676			
ID	EMAPA:28218	Is Group Term	false
Name	interlobular vein		
Starts At	TS25	Ends At	TS28



Modified Component 676			
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28457[renal vasculature] EMAPA:31450[renal venous system] EMAPA:28152[renal cortical venous system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), interlobular vein(EMAPA:28218)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), interlobular vein(EMAPA:28218)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), interlobular vein(EMAPA:28218)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), interlobular vein(EMAPA:28218)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28152>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31450>		

Modified Component 676	
	3. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:28457>
	4. order=0 for EMAPA:28152 order=13 for EMAPA:28457 order=1 for EMAPA:31450

Modified Component 677			
ID	EMAPA:28215	Is Group Term	false
Name	arcuate artery		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31436[renal arterial system] EMAPA:28457[renal vasculature] EMAPA:28147[renal cortical arterial system] EMAPA:31464[large blood vessels]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), arcuate artery(EMAPA:28215)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate artery(EMAPA:28215)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), arcuate artery(EMAPA:28215)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate artery(EMAPA:28215)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), arcuate artery(EMAPA:28215)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

<b>Modified Component 677</b>			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), arcuate artery(EMAPA:28215)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28147>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:28457>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31436>		
	4. order=1 for EMAPA:28147 order=11 for EMAPA:28457 order=2 for EMAPA:31436		

<b>Modified Component 678</b>			
ID	EMAPA:28212	Is Group Term	false
Name	interlobular artery		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31436[renal arterial system] EMAPA:28147[renal cortical arterial system] EMAPA:28457[renal vasculature] EMAPA:31464[large blood vessels]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), interlobular artery(EMAPA:28212)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular artery(EMAPA:28212)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), interlobular artery(EMAPA:28212)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular artery(EMAPA:28212)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), interlobular artery(EMAPA:28212)]		

Modified Component 678			
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), interlobular artery(EMAPA:28212)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28147>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31436>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:28457>		
	4. order=0 for EMAPA:28147 order=10 for EMAPA:28457 order=1 for EMAPA:31436		

Modified Component 679			
ID	EMAPA:30891	Is Group Term	false
Name	urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17379>		
	2. order=5 for EMAPA:17379		

Modified Component 680			
ID	EMAPA:30895	Is Group Term	false
Name	caudal urethra		
Starts At	TS21	Ends At	TS21

<b>Modified Component 680</b>			
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30891>		
	2. order=1 for EMAPA:30891		

<b>Modified Component 681</b>			
ID	EMAPA:30893	Is Group Term	false
Name	pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30891>		
	2. order=0 for EMAPA:30891		

<b>Modified Component 682</b>			
ID	EMAPA:30899	Is Group Term	false
Name	urethral fold		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral fold(EMAPA:30899)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379),		

Modified Component 682			
	urethra(EMAPA:30891), urethral fold(EMAPA:30899)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30891>		
	2. order=3 for EMAPA:30891		

Modified Component 683			
ID	EMAPA:30897	Is Group Term	false
Name	urethral plate		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral plate(EMAPA:30897)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral plate(EMAPA:30897)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30891>		
	2. order=2 for EMAPA:30891		

Modified Component 684			
ID	EMAPA:29731	Is Group Term	false
Name	testicular branch of genital nerve		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), testicular branch of genital nerve(EMAPA:29731)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), testicular branch of genital nerve(EMAPA:29731)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17972>		
	2. order=12 for EMAPA:17972		

Modified Component 685			

Modified Component 685			
ID	EMAPA:30882	Is Group Term	false
Name	epithelial layer of rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:30879[rest of urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), epithelial layer of rest of urogenital sinus(EMAPA:30882)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), epithelial layer of rest of urogenital sinus(EMAPA:30882)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:30879&gt;</p> <p>2. order=0 for EMAPA:30879</p>		

Modified Component 686			
ID	EMAPA:31199	Is Group Term	false
Name	developing vasculature of corpus epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), developing vasculature of corpus epididymis(EMAPA:31199)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of corpus epididymis(EMAPA:31199)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of corpus epididymis(EMAPA:31199)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), developing vasculature of corpus epididymis(EMAPA:31199)]		
Rule Status	PASSED	Edit Status	CHANGED



Modified Component 686	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31235>
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19293>
	3. order=3 for EMAPA:19293 order=1 for EMAPA:31235

Modified Component 687			
ID	EMAPA:30885	Is Group Term	false
Name	mesenchymal layer of rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:30879[rest of urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), mesenchymal layer of rest of urogenital sinus(EMAPA:30885)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), mesenchymal layer of rest of urogenital sinus(EMAPA:30885)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30879>		
	2. order=1 for EMAPA:30879		

Modified Component 688			
ID	EMAPA:30888	Is Group Term	false
Name	urethral fold		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral fold(EMAPA:30888)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral fold(EMAPA:30888)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <20 for EMAPA:17366>		
	2. order=20 for EMAPA:17366		

Modified Component 689			
ID	EMAPA:31194	Is Group Term	false

Modified Component 689			
Name	developing vasculature of cauda epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19292[cauda epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), developing vasculature of cauda epididymis(EMAPA:31194)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of cauda epididymis(EMAPA:31194)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of cauda epididymis(EMAPA:31194)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), developing vasculature of cauda epididymis(EMAPA:31194)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31235>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:19292>		
	3. order=3 for EMAPA:19292 order=2 for EMAPA:31235		

Modified Component 690			
ID	EMAPA:16577	Is Group Term	false
Name	nephric duct		
Starts At	TS14	Ends At	TS16
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[Wolffian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct(EMAPA:16577)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct(EMAPA:16577)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 690	
	no order entries; This Component has order entry <2 for EMAPA:16367>
	2. order=2 for EMAPA:16367

Modified Component 691			
ID	EMAPA:31188	Is Group Term	false
Name	developing vasculature of ductus deferens		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18681>		
	2. order=4 for EMAPA:18681		

Modified Component 692			
ID	EMAPA:16578	Is Group Term	false
Name	primordial germ cells		
Starts At	TS14	Ends At	TS15
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), primordial germ cells(EMAPA:16578)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 692			
	visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), primordial germ cells(EMAPA:16578)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:16367>		
	2. order=6 for EMAPA:16367		

Modified Component 693			
ID	EMAPA:19180	Is Group Term	false
Name	seminal vesicle		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[vesicular seminalis]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17968>		
	2. order=10 for EMAPA:17968		

Modified Component 694			
ID	EMAPA:16579	Is Group Term	false
Name	pronephros		
Starts At	TS14	Ends At	TS14
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), pronephros(EMAPA:16579)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), pronephros(EMAPA:16579)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:16367>		
	2. order=3 for EMAPA:16367		

Modified Component 695			
ID	EMAPA:31182	Is Group Term	false

Modified Component 695			
Name	developing vasculature of epididymis		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:19290>		
	2. order=5 for EMAPA:19290		

Modified Component 696			
ID	EMAPA:16576	Is Group Term	false
Name	associated mesenchyme		
Starts At	TS14	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), associated mesenchyme(EMAPA:16576)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), associated mesenchyme(EMAPA:16576)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:16367>		
	2. order=4 for EMAPA:16367		

Modified Component 697			
ID	EMAPA:19169	Is Group Term	false
Name	crus of clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of		

Modified Component 697			
	female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:18680>		
	2. order=7 for EMAPA:18680		

Modified Component 698			
ID	EMAPA:30850	Is Group Term	false
Name	ureteral vasculature		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:31563[developing vasculature of urinary system GROUP] EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral vasculature(EMAPA:30850)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), ureteral vasculature(EMAPA:30850)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), ureteral vasculature(EMAPA:30850)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 698			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral vasculature(EMAPA:30850)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17950>		
	2. order=6 for EMAPA:17950		

Modified Component 699			
ID	EMAPA:30841	Is Group Term	false
Name	mesenchymal layer of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30837>		
	2. order=2 for EMAPA:30837		

Modified Component 700			
ID	EMAPA:30843	Is Group Term	false
Name	gland of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), gland of		



Modified Component 700			
	labia(EMAPA:30843)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), gland of labia(EMAPA:30843)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), gland of labia(EMAPA:30843)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), gland of labia(EMAPA:30843)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30837> 2. order=1 for EMAPA:30837		

Modified Component 701			
ID	EMAPA:19179	Is Group Term	false
Name	tunica vaginalis testis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica vaginalis testis(EMAPA:19179)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica vaginalis testis(EMAPA:19179)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17972> 2. order=3 for EMAPA:17972		

Modified Component 702			
ID	EMAPA:30845	Is Group Term	false
Name	vasculature of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 702			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30837>		
	2. order=3 for EMAPA:30837		

Modified Component 703			
ID	EMAPA:19177	Is Group Term	false
Name	Sertoli cell		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), Sertoli cell(EMAPA:19177)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), Sertoli cell(EMAPA:19177)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18685>		
	2. order=0 for EMAPA:18685		

Modified Component 704			
ID	EMAPA:19176	Is Group Term	false
Name	rest of interstitium of the testis		
Starts At	TS20	Ends At	TS28

<b>Modified Component 704</b>			
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[non-specific mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), rest of interstitium of the testis(EMAPA:19176)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), rest of interstitium of the testis(EMAPA:19176)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18687>		
	2. order=2 for EMAPA:18687		

<b>Modified Component 705</b>			
ID	EMAPA:19175	Is Group Term	false
Name	fetal Leydig cell		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18687>		
	2. order=0 for EMAPA:18687		

<b>Modified Component 706</b>			
ID	EMAPA:19174	Is Group Term	false
Name	external		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19172[inguinal ring]		
Group Parents			
Synonyms	[superficial]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 706			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), external(EMAPA:19174)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), external(EMAPA:19174)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19172>		
	2. order=1 for EMAPA:19172		

Modified Component 707			
ID	EMAPA:19173	Is Group Term	false
Name	internal		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19172[inguinal ring]		
Group Parents			
Synonyms	[deep]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), internal(EMAPA:19173)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), internal(EMAPA:19173)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19172>		
	2. order=0 for EMAPA:19172		

Modified Component 708			
ID	EMAPA:19172	Is Group Term	false
Name	inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 708	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <18 for EMAPA:17959>
	2. order=18 for EMAPA:17959

Modified Component 709			
ID	EMAPA:19171	Is Group Term	false
Name	inguinal canal		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal canal(EMAPA:19171)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal canal(EMAPA:19171)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <16 for EMAPA:17959>		
	2. order=16 for EMAPA:17959		

Modified Component 710			
ID	EMAPA:19170	Is Group Term	false
Name	glans clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		

Modified Component 710			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18680>		
	2. order=6 for EMAPA:18680		

Modified Component 711			
ID	EMAPA:30879	Is Group Term	false
Name	rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17379>		
	2. order=6 for EMAPA:17379		

Modified Component 712			
ID	EMAPA:30876	Is Group Term	false
Name	mesenchymal layer of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primitive bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379),		

<b>Modified Component 712</b>			
	primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30870>		
	2. order=1 for EMAPA:30870		

<b>Modified Component 713</b>			
ID	EMAPA:30873	Is Group Term	false
Name	epithelial layer of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primitive bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), epithelial layer of primitive bladder(EMAPA:30873)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), epithelial layer of primitive bladder(EMAPA:30873)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30870>		
	2. order=0 for EMAPA:30870		

<b>Modified Component 714</b>			
ID	EMAPA:30870	Is Group Term	false
Name	primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[cranial urogenital sinus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17379>		
	2. order=4 for EMAPA:17379		

<b>Modified Component 715</b>			
-------------------------------	--	--	--



Modified Component 715			
ID	EMAPA:30942	Is Group Term	false
Name	prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18692>		
	2. order=1 for EMAPA:18692		

Modified Component 716			
ID	EMAPA:30137	Is Group Term	false
Name	muscularis mucosa of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28619[muscularis mucosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28619>		
	2. order=2 for EMAPA:28619		

Modified Component 717			
ID	EMAPA:30946	Is Group Term	false
Name	epithelial layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 717			
	urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), epithelial layer(EMAPA:30946)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), epithelial layer(EMAPA:30946)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30944>		
	2. order=0 for EMAPA:30944		

Modified Component 718			
ID	EMAPA:28949	Is Group Term	false
Name	epithelium of rest of nephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28945[nephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), epithelium of rest of nephric duct of female(EMAPA:28949)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), epithelium of rest of nephric duct of female(EMAPA:28949)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28945>		
	2. order=0 for EMAPA:28945		

Modified Component 719			
ID	EMAPA:30944	Is Group Term	false
Name	penile urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 719	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18692>
	2. order=3 for EMAPA:18692

Modified Component 720			
ID	EMAPA:28945	Is Group Term	false
Name	nephric duct of female, rest of		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[mesonephric duct of female, rest of]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17959>		
	2. order=2 for EMAPA:17959		

Modified Component 721			
ID	EMAPA:30130	Is Group Term	false
Name	serosa of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28661[serosa of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of neck(EMAPA:30130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of neck(EMAPA:30130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28661>		
	2. order=2 for EMAPA:28661		

Modified Component 722			
ID	EMAPA:29669	Is Group Term	false
Name	proximal straight tubule		

<b>Modified Component 722</b>			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29665[loop of Henle]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), proximal straight tubule(EMAPA:29669)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), proximal straight tubule(EMAPA:29669)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29665>		
	2. order=0 for EMAPA:29665		

<b>Modified Component 723</b>			
ID	EMAPA:29675	Is Group Term	false
Name	inner stripe of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28310>		
	2. order=3 for EMAPA:28310		

<b>Modified Component 724</b>			
ID	EMAPA:28147	Is Group Term	false
Name	renal cortical arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal cortical vasculature]		
Group Parents			
Synonyms	[ ]		

Modified Component 724			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28142>		
	2. order=0 for EMAPA:28142		

Modified Component 725			
ID	EMAPA:28142	Is Group Term	false
Name	renal cortical vasculature		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <10 for EMAPA:17952>		
	2. order=10 for EMAPA:17952		

Modified Component 726			
ID	EMAPA:29671	Is Group Term	false
Name	distal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29665[loop of Henle]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), distal straight tubule(EMAPA:29671)]		

Modified Component 726			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), distal straight tubule(EMAPA:29671)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29665>		
	2. order=1 for EMAPA:29665		

Modified Component 727			
ID	EMAPA:30948	Is Group Term	false
Name	mesenchymal layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), mesenchymal layer(EMAPA:30948)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), mesenchymal layer(EMAPA:30948)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30944>		
	2. order=1 for EMAPA:30944		

Modified Component 728			
ID	EMAPA:30952	Is Group Term	false
Name	epithelial layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 728	
	no order entries; This Component has order entry <0 for EMAPA:30942>
	2. order=0 for EMAPA:30942

Modified Component 729			
ID	EMAPA:30954	Is Group Term	false
Name	mesenchymal layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30942>		
	2. order=1 for EMAPA:30942		

Modified Component 730			
ID	EMAPA:30956	Is Group Term	false
Name	muscle layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30942>		
	2. order=2 for EMAPA:30942		

Modified Component 731			
ID	EMAPA:28957	Is Group Term	false
Name	epithelium of rest of paramesonephric duct of female		



<b>Modified Component 731</b>			
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28940[paramesonephric duct of female, rest of]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), epithelium of rest of paramesonephric duct of female(EMAPA:28957)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), epithelium of rest of paramesonephric duct of female(EMAPA:28957)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28940>		
	2. order=0 for EMAPA:28940		

<b>Modified Component 732</b>			
ID	EMAPA:30123	Is Group Term	false
Name	detrusor muscle of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detrusor muscle of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of neck(EMAPA:30123)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of neck(EMAPA:30123)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28637>		
	2. order=2 for EMAPA:28637		

<b>Modified Component 733</b>			
ID	EMAPA:29657	Is Group Term	false
Name	segment 1 of proximal tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28287[renal proximal convoluted tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 733	
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal

**Modified Component 733**

cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

# Modified Component 733

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of

Modified Component 733			
	proximal tubule(EMAPA:29657)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28287>		
	2. order=0 for EMAPA:28287		

Modified Component 734			
ID	EMAPA:28953	Is Group Term	false
Name	mesenchyme of rest of nephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28945[nephric duct of female, rest of]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), mesenchyme of rest of nephric duct of female(EMAPA:28953)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), mesenchyme of rest of nephric duct of female(EMAPA:28953)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28945>		
	2. order=1 for EMAPA:28945		

Modified Component 735			
ID	EMAPA:30950	Is Group Term	false
Name	muscle layer		

Modified Component 735			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), muscle layer(EMAPA:30950)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), muscle layer(EMAPA:30950)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30944>		
	2. order=2 for EMAPA:30944		

Modified Component 736			
ID	EMAPA:29659	Is Group Term	false
Name	segment 2 of proximal tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28287[renal proximal convoluted tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		



**Modified Component 736**

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal



**Modified Component 736**

tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal

Modified Component 736			
	convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(EMAPA:31566), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28287>		
	2. order=1 for EMAPA:28287		

Modified Component 737			
ID	EMAPA:28961	Is Group Term	false
Name	mesenchyme of rest of paramesonephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28940[paramesonephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), mesenchyme of rest of paramesonephric duct of female(EMAPA:28961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), mesenchyme of rest of paramesonephric duct of female(EMAPA:28961)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28940>		
	2. order=1 for EMAPA:28940		

Modified Component 738			
ID	EMAPA:28136	Is Group Term	false
Name	renal cortical interstitium		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[cortical stroma]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6		

Modified Component 738	
	for EMAPA:28518>
	2. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17952>
	3. order=6 for EMAPA:28518 order=8 for EMAPA:17952

Modified Component 739			
ID	EMAPA:29663	Is Group Term	false
Name	outer stripe of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28310>		
	2. order=2 for EMAPA:28310		

Modified Component 740			
ID	EMAPA:29665	Is Group Term	false
Name	loop of Henle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29663[outer stripe of outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29663>		
	2. order=0 for EMAPA:29663		

Modified Component 741			
ID	EMAPA:28130	Is Group Term	false
Name	cortical collecting duct		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28494[ureteric trunk] EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical collecting duct(EMAPA:28130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical collecting duct(EMAPA:28130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28494>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:17952>		
	3. order=0 for EMAPA:28494 order=7 for EMAPA:17952		

Modified Component 742			
ID	EMAPA:29661	Is Group Term	false
Name	renal proximal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28281[renal proximal tubule]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 742	
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary



Modified Component 742			
	loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28281>		
	2. order=2 for EMAPA:28281		

Modified Component 743			
ID	EMAPA:30924	Is Group Term	false
Name	urethral plate of female		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral plate of female(EMAPA:30924)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral plate of female(EMAPA:30924)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30917>		



<b>Modified Component 743</b>			
	2.	order=0 for EMAPA:30917	

<b>Modified Component 744</b>			
<i>ID</i>	EMAPA:28929	<i>Is Group Term</i>	false
<i>Name</i>	rete ovarii of mesonephros		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:28909[mesonephros of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), rete ovarii of mesonephros(EMAPA:28929)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), rete ovarii of mesonephros(EMAPA:28929)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:28909>		
	2. order=6 for EMAPA:28909		

<b>Modified Component 745</b>			
<i>ID</i>	EMAPA:28924	<i>Is Group Term</i>	false
<i>Name</i>	nephric duct of female, mesonephric portion		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:28909[mesonephros of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[mesonephric duct of female, mesonephric portion, Wolffian duct of female]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), nephric duct of female, mesonephric portion(EMAPA:28924)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), nephric duct of female, mesonephric portion(EMAPA:28924)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:28909>		
	2. order=3 for EMAPA:28909		

<b>Modified Component 746</b>			

Modified Component 746			
ID	EMAPA:29693	Is Group Term	false
Name	epithelium of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19292[cauda epididymis] EMAPA:30445[epithelium of epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19292>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30445>		
	3. order=2 for EMAPA:30445 order=0 for EMAPA:19292		

Modified Component 747			
ID	EMAPA:28167	Is Group Term	false
Name	renal medullary venous system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31469[small blood vessels] EMAPA:28157[renal medullary vasculature] EMAPA:31450[renal venous system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary venous system(EMAPA:28167)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 747			
	renal venous system(EMAPA:31450), renal medullary venous system(EMAPA:28167)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venous system(EMAPA:28167)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal medullary venous system(EMAPA:28167)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venous system(EMAPA:28167)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary venous system(EMAPA:28167)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28157>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:31450>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:31469>		
	4. order=1 for EMAPA:28157 order=5 for EMAPA:31450 order=7 for EMAPA:31469		

Modified Component 748			
ID	EMAPA:29691	Is Group Term	false
Name	renal nerve		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal nerve(EMAPA:29691)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal nerve(EMAPA:29691)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17366>		
	2. order=5 for EMAPA:17366		

Modified Component 749			
------------------------	--	--	--

Modified Component 749			
ID	EMAPA:30927	Is Group Term	false
Name	urethral fold of female		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral fold of female(EMAPA:30927)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral fold of female(EMAPA:30927)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30917>		
	2. order=1 for EMAPA:30917		

Modified Component 750			
ID	EMAPA:28162	Is Group Term	false
Name	renal medullary arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28157[renal medullary vasculature] EMAPA:31436[renal arterial system] EMAPA:31469[small blood vessels]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary arterial system(EMAPA:28162)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal medullary arterial system(EMAPA:28162)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary arterial system(EMAPA:28162)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal medullary arterial system(EMAPA:28162)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary arterial system(EMAPA:28162)]		

Modified Component 750			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary arterial system(EMAPA:28162)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28157>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31469>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:31436>		
	4. order=0 for EMAPA:28157 order=3 for EMAPA:31436 order=2 for EMAPA:31469		

Modified Component 751			
ID	EMAPA:30934	Is Group Term	false
Name	mesenchymal layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), mesenchymal layer of phallic urethra of female(EMAPA:30934)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), mesenchymal layer of phallic urethra of female(EMAPA:30934)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:30917>		
	2. order=3 for EMAPA:30917		

Modified Component 752			
ID	EMAPA:30930	Is Group Term	false
Name	epithelial layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), epithelial layer of phallic urethra of female(EMAPA:30930)]		

Modified Component 752			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), epithelial layer of phallic urethra of female(EMAPA:30930)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30917>		
	2. order=2 for EMAPA:30917		

Modified Component 753			
ID	EMAPA:30144	Is Group Term	false
Name	adventitia of neck		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28826[adventitia of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of neck(EMAPA:30144)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of neck(EMAPA:30144)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28826>		
	2. order=2 for EMAPA:28826		

Modified Component 754			
ID	EMAPA:29679	Is Group Term	false
Name	loop of Henle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29675[inner stripe of outer medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 754	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29675>
	2. order=0 for EMAPA:29675

Modified Component 755			
ID	EMAPA:28937	Is Group Term	false
Name	paramesonephric duct of female, mesonephric portion		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[Mllerian duct of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:28909>		
	2. Different Synonyms - Referenced Component EMAPA:28937 has synonyms [Müllerian duct of female, Mllerian duct of female]		
	3. order=5 for EMAPA:28909		

Modified Component 756			
ID	EMAPA:28934	Is Group Term	false
Name	coelomic epithelium of female mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), coelomic epithelium of female mesonephros(EMAPA:28934)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), coelomic epithelium of female mesonephros(EMAPA:28934)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <7 for EMAPA:28909>		



<b>Modified Component 756</b>			
		2. order=7 for EMAPA:28909	

<b>Modified Component 757</b>			
<i>ID</i>	EMAPA:29681	<i>Is Group Term</i>	false
<i>Name</i>	thin descending limb		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29679[loop of Henle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), thin descending limb(EMAPA:29681)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), thin descending limb(EMAPA:29681)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29679>		
	2. order=0 for EMAPA:29679		

<b>Modified Component 758</b>			
<i>ID</i>	EMAPA:30150	<i>Is Group Term</i>	false
<i>Name</i>	interstitium		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:28811[ureteral smooth muscle layer]		
<i>Group Parents</i>			
<i>Synonyms</i>	[Cajal cell]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), interstitium(EMAPA:30150)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), interstitium(EMAPA:30150)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28811>		
	2. order=1 for EMAPA:28811		

<b>Modified Component 759</b>			
<i>ID</i>	EMAPA:28152	<i>Is Group Term</i>	false

Modified Component 759			
Name	renal cortical venous system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal cortical vasculature]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28142>		
	2. order=1 for EMAPA:28142		

Modified Component 760			
ID	EMAPA:29683	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29679[loop of Henle]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), premacula segment of distal straight tubule(EMAPA:29683)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), premacula segment of distal straight tubule(EMAPA:29683)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29679>		
	2. order=1 for EMAPA:29679		

Modified Component 761			
ID	EMAPA:28940	Is Group Term	false
Name	paramesonephric duct of female, rest of		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		

Modified Component 761			
Group Parents			
Synonyms	[Müllerian duct of female, rest of]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17959>		
	2. Different Synonyms - Referenced Component EMAPA:28940 has synonyms [Müllerian duct of female, Müllerian duct of female, rest of]		
	3. order=1 for EMAPA:17959		

Modified Component 762			
ID	EMAPA:28157	Is Group Term	false
Name	renal medullary vasculature		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:19279>		
	2. order=6 for EMAPA:19279		

Modified Component 763			
ID	EMAPA:30938	Is Group Term	false
Name	muscle layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of		

Modified Component 763			
	female(EMAPA:30917), muscle layer of phallic urethra of female(EMAPA:30938)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), muscle layer of phallic urethra of female(EMAPA:30938)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:30917>		
	2. order=4 for EMAPA:30917		

Modified Component 764			
ID	EMAPA:29626	Is Group Term	false
Name	genital tubercle surface epithelium of female		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		

Modified Component 764			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:29626 has End Stage [TS21]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18680>		
	3. order=0 for EMAPA:18680		

Modified Component 765			
ID	EMAPA:30903	Is Group Term	false
Name	pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30901[urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30901>		
	2. order=0 for EMAPA:30901		

Modified Component 766			
ID	EMAPA:30901	Is Group Term	false
Name	urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:17366>		
	2. order=13 for EMAPA:17366		

Modified Component 767			
ID	EMAPA:30907	Is Group Term	false
Name	mesenchymal layer of pelvic urethra		

<b>Modified Component 767</b>			
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30903>		
	2. order=1 for EMAPA:30903		

<b>Modified Component 768</b>			
ID	EMAPA:30905	Is Group Term	false
Name	epithelial layer of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), epithelial layer of pelvic urethra(EMAPA:30905)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), epithelial layer of pelvic urethra(EMAPA:30905)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30903>		
	2. order=0 for EMAPA:30903		

<b>Modified Component 769</b>			
ID	EMAPA:30909	Is Group Term	false
Name	muscle layer of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 769			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30903>		
	2. order=2 for EMAPA:30903		

Modified Component 770			
ID	EMAPA:29633	Is Group Term	false
Name	inner longitudinal muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), inner longitudinal muscle(EMAPA:29633)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), inner longitudinal muscle(EMAPA:29633)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28844>		
	2. order=0 for EMAPA:28844		

Modified Component 771			
ID	EMAPA:29631	Is Group Term	false
Name	vasculature of the ovary		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), vasculature of the ovary(EMAPA:29631)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), vasculature of the ovary(EMAPA:29631)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <16 for EMAPA:17962>		



<b>Modified Component 771</b>			
	2. order=16 for EMAPA:17962		

<b>Modified Component 772</b>			
<i>ID</i>	EMAPA:30911	<i>Is Group Term</i>	false
<i>Name</i>	phallic urethra		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:30901[urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30901>		
	2. order=1 for EMAPA:30901		

<b>Modified Component 773</b>			
<i>ID</i>	EMAPA:30913	<i>Is Group Term</i>	false
<i>Name</i>	urethral plate of phallic urethra		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:30911[phallic urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral plate of phallic urethra(EMAPA:30913)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral plate of phallic urethra(EMAPA:30913)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30911>		
	2. order=0 for EMAPA:30911		

<b>Modified Component 774</b>			
<i>ID</i>	EMAPA:30915	<i>Is Group Term</i>	false
<i>Name</i>	urethral fold of phallic urethra		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS22
<i>Primary Parents</i>	EMAPA:30911[phallic urethra]		
<i>Group Parents</i>			

Modified Component 774			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral fold of phallic urethra(EMAPA:30915)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral fold of phallic urethra(EMAPA:30915)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30911>		
	2. order=1 for EMAPA:30911		

Modified Component 775			
ID	EMAPA:30917	Is Group Term	false
Name	phallic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28747[urethra of female]		
Group Parents			
Synonyms	[external urethra of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28747>		
	2. order=1 for EMAPA:28747		

Modified Component 776			
ID	EMAPA:29621	Is Group Term	false
Name	genital tubercle mesenchyme of female		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 776			
	system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different End Stage - Referenced Component EMAPA:29621 has End Stage [TS21]		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18680>		
	3. order=1 for EMAPA:18680		

Modified Component 777			
ID	EMAPA:28965	Is Group Term	false
Name	meiotic germ cell		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:17965[germ cell of ovary]		
Group Parents			
Synonyms	[oocyte]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), meiotic germ cell(EMAPA:28965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), meiotic germ cell(EMAPA:28965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1		

Modified Component 777	
	for EMAPA:17965>
	2. order=1 for EMAPA:17965

Modified Component 778			
ID	EMAPA:29645	Is Group Term	false
Name	male urethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), male urethral gland(EMAPA:29645)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), male urethral gland(EMAPA:29645)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:18692>		
	2. order=6 for EMAPA:18692		

Modified Component 779			
ID	EMAPA:30116	Is Group Term	false
Name	lamina propria of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of neck(EMAPA:30116)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of neck(EMAPA:30116)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:30088>		
	2. order=2 for EMAPA:30088		

Modified Component 780			
ID	EMAPA:28971	Is Group Term	false
Name	premeiotic germ cell		
Starts At	TS21	Ends At	TS24

<b>Modified Component 780</b>			
Primary Parents	EMAPA:17965[germ cell of ovary]		
Group Parents			
Synonyms	[oogonia]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), premeiotic germ cell(EMAPA:28971)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), premeiotic germ cell(EMAPA:28971)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17965>		
	2. order=0 for EMAPA:17965		

<b>Modified Component 781</b>			
ID	EMAPA:29655	Is Group Term	false
Name	Leydig cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), Leydig cell(EMAPA:29655)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), Leydig cell(EMAPA:29655)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18687>		
	2. order=1 for EMAPA:18687		

<b>Modified Component 782</b>			
ID	EMAPA:29653	Is Group Term	false
Name	female urethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28747[urethra of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 782			
	organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), female urethral gland(EMAPA:29653)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), female urethral gland(EMAPA:29653)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28747>		
	2. order=2 for EMAPA:28747		

Modified Component 783			
ID	EMAPA:29635	Is Group Term	false
Name	outer circular muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), outer circular muscle(EMAPA:29635)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), outer circular muscle(EMAPA:29635)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28844>		
	2. order=1 for EMAPA:28844		

Modified Component 784			
ID	EMAPA:29637	Is Group Term	false
Name	median umbilical ligament		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), median umbilical ligament(EMAPA:29637)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), median umbilical ligament(EMAPA:29637)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9		

Modified Component 784	
	for EMAPA:17366>
	2. order=9 for EMAPA:17366

Modified Component 785			
ID	EMAPA:30102	Is Group Term	false
Name	lamina propria of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of fundus(EMAPA:30102)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of fundus(EMAPA:30102)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30088>		
	2. order=0 for EMAPA:30088		

Modified Component 786			
ID	EMAPA:29639	Is Group Term	false
Name	bulbar part of urethra of male		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), bulbar part of urethra of male(EMAPA:29639)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), bulbar part of urethra of male(EMAPA:29639)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18692>		
	2. order=4 for EMAPA:18692		

Modified Component 787			
ID	EMAPA:28978	Is Group Term	false
Name	degenerating mesonephric tubule of female		
Starts At	TS22	Ends At	TS23



Modified Component 787			
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric tubule of female(EMAPA:28978)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric tubule of female(EMAPA:28978)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28909>		
	2. order=2 for EMAPA:28909		

Modified Component 788			
ID	EMAPA:30109	Is Group Term	false
Name	lamina propria of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of trigone(EMAPA:30109)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of trigone(EMAPA:30109)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30088>		
	2. order=1 for EMAPA:30088		

Modified Component 789			
ID	EMAPA:29641	Is Group Term	false
Name	distal region of urethra of male		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), distal region of		

Modified Component 789			
	urethra of male(EMAPA:29641)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), distal region of urethra of male(EMAPA:29641)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:18692>		
	2. order=5 for EMAPA:18692		

Modified Component 790			
ID	EMAPA:28981	Is Group Term	false
Name	degenerating mesonephric portion of nephric duct of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric portion of nephric duct of female(EMAPA:28981)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric portion of nephric duct of female(EMAPA:28981)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:28909>		
	2. order=4 for EMAPA:28909		

Modified Component 791			
ID	EMAPA:26913	Is Group Term	false
Name	inguinal canal		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal canal(EMAPA:26913)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal canal(EMAPA:26913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		

Modified Component 791	
	no order entries; This Component has order entry <8 for EMAPA:17968>
	2. order=8 for EMAPA:17968

Modified Component 792			
ID	EMAPA:27599	Is Group Term	false
Name	nephric duct, metanephric portion		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:28425[nephric duct group] EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, metanephric portion(EMAPA:27599)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, metanephric portion(EMAPA:27599)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, metanephric portion(EMAPA:27599)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, metanephric portion(EMAPA:27599)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28425>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:16367>		
	3. order=9 for EMAPA:16367 order=2 for EMAPA:28425		

Modified Component 793			
ID	EMAPA:27573	Is Group Term	false
Name	cloaca		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 793	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <13 for EMAPA:16367>
	2. order=13 for EMAPA:16367

Modified Component 794			
ID	EMAPA:27570	Is Group Term	false
Name	posterior gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[caudal gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), posterior gonadal mesenchyme(EMAPA:27570)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), posterior gonadal mesenchyme(EMAPA:27570)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:16858>		
	2. order=2 for EMAPA:16858		

Modified Component 795			
ID	EMAPA:17377	Is Group Term	false
Name	nephric duct, metanephric portion		
Starts At	TS19	Ends At	TS20
Primary Parents	EMAPA:28429[nephric duct group] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[Wolffian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nephric duct, metanephric portion(EMAPA:17377)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, metanephric portion(EMAPA:17377)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, metanephric portion(EMAPA:17377)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), nephric duct, metanephric portion(EMAPA:17377)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1		

Modified Component 795	
	for EMAPA:28429>
	2. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17366>
	3. order=6 for EMAPA:17366 order=1 for EMAPA:28429

Modified Component 796			
ID	EMAPA:17376	Is Group Term	false
Name	ureteric bud		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17373>		
	2. order=6 for EMAPA:17373		

Modified Component 797			
ID	EMAPA:17379	Is Group Term	false
Name	urogenital sinus		
Starts At	TS19	Ends At	TS22
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17366>		
	2. order=12 for EMAPA:17366		

Modified Component 798			
ID	EMAPA:28101	Is Group Term	false
Name	deep cellular layer		
Starts At	TS21	Ends At	TS28

<b>Modified Component 798</b>			
Primary Parents	EMAPA:28089[urothelium]		
Group Parents			
Synonyms	[basal urothelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28089>		
	2. order=1 for EMAPA:28089		

<b>Modified Component 799</b>			
ID	EMAPA:17378	Is Group Term	false
Name	urogenital membrane		
Starts At	TS19	Ends At	TS22
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital membrane(EMAPA:17378)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital membrane(EMAPA:17378)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <18 for EMAPA:17366>		
	2. order=18 for EMAPA:17366		

<b>Modified Component 800</b>			
ID	EMAPA:17373	Is Group Term	false
Name	metanephros		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[kidney]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 800	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17366>
	2. order=1 for EMAPA:17366

Modified Component 801			
ID	EMAPA:17375	Is Group Term	false
Name	metanephric mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17373>		
	2. order=2 for EMAPA:17373		

Modified Component 802			
ID	EMAPA:28909	Is Group Term	false
Name	mesonephros of female		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17959>		
	2. order=0 for EMAPA:17959		

Modified Component 803			
ID	EMAPA:27568	Is Group Term	false
Name	central gonadal mesenchyme		



<b>Modified Component 803</b>			
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), central gonadal mesenchyme(EMAPA:27568)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), central gonadal mesenchyme(EMAPA:27568)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:16858>		
	2. order=1 for EMAPA:16858		

<b>Modified Component 804</b>			
ID	EMAPA:27566	Is Group Term	false
Name	anterior gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[rostral gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), anterior gonadal mesenchyme(EMAPA:27566)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), anterior gonadal mesenchyme(EMAPA:27566)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:16858>		
	2. order=0 for EMAPA:16858		

<b>Modified Component 805</b>			
ID	EMAPA:27564	Is Group Term	false
Name	coelomic epithelium		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[germinal epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), coelomic		

<b>Modified Component 805</b>			
	epithelium(EMAPA:27564)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), coelomic epithelium(EMAPA:27564)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:16857>		
	2. order=0 for EMAPA:16857		

<b>Modified Component 806</b>			
ID	EMAPA:17368	Is Group Term	false
Name	urogenital mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17367[mesentery]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), urogenital mesentery(EMAPA:17368)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), urogenital mesentery(EMAPA:17368)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17367>		
	2. order=1 for EMAPA:17367		

<b>Modified Component 807</b>			
ID	EMAPA:17367	Is Group Term	false
Name	mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17366>		
	2. order=0 for EMAPA:17366		

--

Modified Component 808			
ID	EMAPA:17366	Is Group Term	false
Name	urinary system		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:16245[visceral organ]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:16245>		
	2. order=1 for EMAPA:16245		

Modified Component 809			
ID	EMAPA:28914	Is Group Term	false
Name	mesonephric mesenchyme of female mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric mesenchyme of female mesonephros(EMAPA:28914)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric mesenchyme of female mesonephros(EMAPA:28914)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28909>		
	2. order=0 for EMAPA:28909		

Modified Component 810			
ID	EMAPA:28919	Is Group Term	false
Name	mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 810			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28909>		
	2. order=1 for EMAPA:28909		

Modified Component 811			
ID	EMAPA:27591	Is Group Term	false
Name	nephric duct, mesonephric portion		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16744[mesonephros] EMAPA:28425[nephric duct group]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), nephric duct, mesonephric portion(EMAPA:27591)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, mesonephric portion(EMAPA:27591)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), nephric duct, mesonephric portion(EMAPA:27591)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, mesonephric portion(EMAPA:27591)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28425>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:16744>		
	3. order=5 for EMAPA:16744 order=1 for EMAPA:28425		

Modified Component 812			
ID	EMAPA:28120	Is Group Term	false
Name	pelvic smooth muscle		
Starts At	TS23	Ends At	TS28

<b>Modified Component 812</b>			
Primary Parents	EMAPA:17948[pelvis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17948>		
	2. order=1 for EMAPA:17948		

<b>Modified Component 813</b>			
ID	EMAPA:27588	Is Group Term	false
Name	mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:16744>		
	2. order=4 for EMAPA:16744		

<b>Modified Component 814</b>			
ID	EMAPA:27581	Is Group Term	false
Name	associated mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27573[cloaca]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary		

Modified Component 814			
	system(EMAPA:16367), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:27573>		
	2. order=1 for EMAPA:27573		

Modified Component 815			
ID	EMAPA:17382	Is Group Term	false
Name	genital tubercle		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:17381>		
	2. order=3 for EMAPA:17381		

Modified Component 816			
ID	EMAPA:27585	Is Group Term	false
Name	mesonephric mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric mesenchyme(EMAPA:27585)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric mesenchyme(EMAPA:27585)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:16744>		
	2. order=3 for EMAPA:16744		

Modified Component 817			
ID	EMAPA:17381	Is Group Term	false
Name	reproductive system		

<b>Modified Component 817</b>			
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:16245[visceral organ]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:16245>		
	2. order=2 for EMAPA:16245		

<b>Modified Component 818</b>			
ID	EMAPA:17380	Is Group Term	false
Name	urorectal septum		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urorectal septum(EMAPA:17380)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urorectal septum(EMAPA:17380)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:17366>		
	2. order=17 for EMAPA:17366		

<b>Modified Component 819</b>			
ID	EMAPA:17386	Is Group Term	false
Name	primordial germ cell		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), primordial germ cell(EMAPA:17386)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), primordial germ cell(EMAPA:17386)]		
Rule Status	PASSED	Edit Status	CHANGED



Modified Component 819	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:17383>
	2. order=2 for EMAPA:17383

Modified Component 820			
ID	EMAPA:17385	Is Group Term	false
Name	gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17383>		
	2. order=1 for EMAPA:17383		

Modified Component 821			
ID	EMAPA:17384	Is Group Term	false
Name	coelomic epithelium		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[germinal epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), coelomic epithelium(EMAPA:17384)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), coelomic epithelium(EMAPA:17384)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17383>		
	2. order=0 for EMAPA:17383		

Modified Component 822			
ID	EMAPA:17383	Is Group Term	false
Name	gonad		
Starts At	TS19	Ends At	TS19

Modified Component 822			
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[gonad primordium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17381>		
	2. order=1 for EMAPA:17381		

Modified Component 823			
ID	EMAPA:28114	Is Group Term	false
Name	adventitia of ureter		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), adventitia of ureter(EMAPA:28114)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), adventitia of ureter(EMAPA:28114)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17950>		
	2. order=5 for EMAPA:17950		

Modified Component 824			
ID	EMAPA:27577	Is Group Term	false
Name	cloacal epithelium		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27573[cloaca]		
Group Parents			
Synonyms	[distal urethral epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), cloacal epithelium(EMAPA:27577)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), cloacal epithelium(EMAPA:27577)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 824	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:27573>
	2. order=0 for EMAPA:27573

Modified Component 825			
ID	EMAPA:18985	Is Group Term	false
Name	uterine horn		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[uterus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17959>		
	2. order=9 for EMAPA:17959		

Modified Component 826			
ID	EMAPA:18984	Is Group Term	false
Name	oviduct		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <8 for EMAPA:17959>		
	2. order=8 for EMAPA:17959		

Modified Component 827			
ID	EMAPA:18976	Is Group Term	false
Name	cortical renal tubule		
Starts At	TS22	Ends At	TS28

Modified Component 827	
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:28491[mature nephron] EMAPA:28506[developing capillary loop stage nephron GROUP] EMAPA:28445[stage IV immature nephron] EMAPA:28527[late tubule] EMAPA:17952[renal cortex] EMAPA:28485[maturing nephron]
Group Parents	
Synonyms	[ ]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

Modified Component 827			
	renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:17954&gt;</p> <p>2. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:28491&gt;</p> <p>3. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:28445&gt;</p> <p>4. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:28485&gt;</p> <p>5. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:28506&gt;</p> <p>6. Different Order - Referenced Component has no order entries; This Component has order entry &lt;2 for EMAPA:28527&gt;</p> <p>7. Different Order - Referenced Component has no order entries; This Component has order entry &lt;6 for EMAPA:17952&gt;</p> <p>8. order=6 for EMAPA:17952 order=0 for EMAPA:17954 order=1 for EMAPA:28445 order=1 for EMAPA:28485 order=1 for EMAPA:28506 order=2 for EMAPA:28527 order=0 for EMAPA:28491</p>		

Modified Component 828			
ID	EMAPA:18978	Is Group Term	false
Name	cystic vesicular appendage		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), cystic vesicular appendage(EMAPA:18978)]		

Modified Component 828			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), cystic vesicular appendage(EMAPA:18978)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <5 for EMAPA:17959>		
	2. order=5 for EMAPA:17959		

Modified Component 829			
ID	EMAPA:18998	Is Group Term	false
Name	urethral plate of male		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral plate of male(EMAPA:18998)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral plate of male(EMAPA:18998)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17956>		
	2. order=4 for EMAPA:17956		

Modified Component 830			
ID	EMAPA:18999	Is Group Term	false
Name	lower part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18986>		

<b>Modified Component 830</b>			
		2. order=0 for EMAPA:18986	

<b>Modified Component 831</b>			
<i>ID</i>	EMAPA:18995	<i>Is Group Term</i>	false
<i>Name</i>	pelvic urethra of male		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18692[urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18692>		
	2. order=0 for EMAPA:18692		

<b>Modified Component 832</b>			
<i>ID</i>	EMAPA:18993	<i>Is Group Term</i>	false
<i>Name</i>	efferent duct of seminal vesicle		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17968[male reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[vasa efferentia]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17968>		
	2. order=11 for EMAPA:17968		

<b>Modified Component 833</b>			
<i>ID</i>	EMAPA:18988	<i>Is Group Term</i>	false
<i>Name</i>	glans penis		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18682[penis]		



Modified Component 833			
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:18682>		
	2. order=0 for EMAPA:18682		

Modified Component 834			
ID	EMAPA:18989	Is Group Term	false
Name	prepuce of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		

Modified Component 834			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:18682>		
	2. order=2 for EMAPA:18682		

Modified Component 835			
ID	EMAPA:18986	Is Group Term	false
Name	vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17959>		
	2. order=11 for EMAPA:17959		

Modified Component 836			
ID	EMAPA:18987	Is Group Term	false
Name	upper part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18986>		
	2. order=1 for EMAPA:18986		

Modified Component 837			
ID	EMAPA:30088	Is Group Term	false

Modified Component 837			
Name	lamina propria of the bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18321>		
	2. order=1 for EMAPA:18321		

Modified Component 838			
ID	EMAPA:31058	Is Group Term	true
Name	ovigerous cord		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17962[ovary]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:17962>		
	2. order=17 for EMAPA:17962		

Modified Component 839			
ID	EMAPA:29609	Is Group Term	false
Name	rest of mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17367[mesentery]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]		

<b>Modified Component 839</b>			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17367>		
	2. order=0 for EMAPA:17367		

<b>Modified Component 840</b>			
ID	EMAPA:29605	Is Group Term	false
Name	coelomic vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vasculature of testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), coelomic vessel(EMAPA:29605)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), coelomic vessel(EMAPA:29605)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29603>		
	2. order=0 for EMAPA:29603		

<b>Modified Component 841</b>			
ID	EMAPA:29607	Is Group Term	false
Name	interstitial vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vasculature of testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 841	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29603>
	2. order=1 for EMAPA:29603

Modified Component 842			
ID	EMAPA:29603	Is Group Term	false
Name	vasculature of testis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <11 for EMAPA:17972>		
	2. order=11 for EMAPA:17972		

Modified Component 843			
ID	EMAPA:30051	Is Group Term	false
Name	circular muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30049[muscle layer of rest of oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:30049>		
	2. order=1 for EMAPA:30049		

Modified Component 844			
ID	EMAPA:31021	Is Group Term	false
Name	bend		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:31414[medullary renal tubule] EMAPA:28049[immature loop of Henle]		
Group Parents			
Synonyms	[U-turn]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28049>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:31414>		
	3. order=1 for EMAPA:28049 order=1 for EMAPA:31414		

Modified Component 845			
ID	EMAPA:30991	Is Group Term	true
Name	epithelium of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:18986>		
	2. order=3 for EMAPA:18986		

Modified Component 846			
ID	EMAPA:30043	Is Group Term	false
Name	renal medullary capillary		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28157[renal medullary vasculature] EMAPA:28457[renal vasculature] EMAPA:31469[small blood vessels] EMAPA:31443[renal capillaries]		
Group Parents			
Synonyms	[vasa recta]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary capillary(EMAPA:30043)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary capillary(EMAPA:30043)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal medullary capillary(EMAPA:30043)]		



Modified Component 846			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(EMAPA:31563), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary capillary(EMAPA:30043)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal medullary capillary(EMAPA:30043)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary capillary(EMAPA:30043)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28157>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:31443>		
	3. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:31469>		
	4. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:28457>		
	5. order=2 for EMAPA:28157 order=9 for EMAPA:28457 order=2 for EMAPA:31443 order=6 for EMAPA:31469		

Modified Component 847			
ID	EMAPA:31025	Is Group Term	false
Name	meiotic oocytes		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17962[ovary] EMAPA:31058[ovigerous cord]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), meiotic oocytes(EMAPA:31025)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 847			
	system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), meiotic oocytes(EMAPA:31025)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31058>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:17962>		
	3. order=4 for EMAPA:17962 order=0 for EMAPA:31058		

Modified Component 848			
ID	EMAPA:30997	Is Group Term	true
Name	muscular layer of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:18986>		
	2. order=4 for EMAPA:18986		

Modified Component 849			
ID	EMAPA:30049	Is Group Term	false
Name	muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29905[rest of oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

<b>Modified Component 849</b>			
	system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29905>		
	2. order=1 for EMAPA:29905		

<b>Modified Component 850</b>			
ID	EMAPA:30057	Is Group Term	false
Name	longitudinal muscle layer of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29270[muscle layer of ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:29270>		
	2. order=1 for EMAPA:29270		

<b>Modified Component 851</b>			

Modified Component 851			
ID	EMAPA:30053	Is Group Term	false
Name	longitudinal muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30049[muscle layer of rest of oviduct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), longitudinal muscle layer of rest of oviduct(EMAPA:30053)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), longitudinal muscle layer of rest of oviduct(EMAPA:30053)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:30049> 2. order=0 for EMAPA:30049		

Modified Component 852			
ID	EMAPA:30055	Is Group Term	false
Name	circular muscle layer of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29270[muscle layer of ductus deferens]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive		

<b>Modified Component 852</b>			
	structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29270>		
	2. order=0 for EMAPA:29270		

<b>Modified Component 853</b>			
ID	EMAPA:31017	Is Group Term	false
Name	straight limb		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28049[immature loop of Henle] EMAPA:31414[medullary renal tubule]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 853			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:28049>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:31414>		
	3. order=0 for EMAPA:28049 order=0 for EMAPA:31414		

Modified Component 854			
ID	EMAPA:30984	Is Group Term	true
Name	female external genitalia		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17959[female reproductive system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <19 for EMAPA:17959>		
	2. order=19 for EMAPA:17959		

Modified Component 855			
ID	EMAPA:19279	Is Group Term	false
Name	renal medulla		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <17 for EMAPA:17373>		

<b>Modified Component 855</b>			
	2. order=17 for EMAPA:17373		

<b>Modified Component 856</b>			
<i>ID</i>	EMAPA:30072	<i>Is Group Term</i>	false
<i>Name</i>	mesenchyme of paramesonephric duct, mesonephric portion		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:28937[paramesonephric duct of female, mesonephric portion]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28937> 2. order=1 for EMAPA:28937		

<b>Modified Component 857</b>			
<i>ID</i>	EMAPA:30070	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of paramesonephric duct, mesonephric portion		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:28937[paramesonephric duct of female, mesonephric portion]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), epithelium of paramesonephric duct, mesonephric portion(EMAPA:30070)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), epithelium of paramesonephric duct, mesonephric portion(EMAPA:30070)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED



Modified Component 857	
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;0 for EMAPA:28937&gt;</p> <p>2. order=0 for EMAPA:28937</p>

Modified Component 858			
ID	EMAPA:19285	Is Group Term	false
Name	male accessory gland		
Starts At	TS26	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;17 for EMAPA:17968&gt;</p> <p>2. order=17 for EMAPA:17968</p>		

Modified Component 859			
ID	EMAPA:19284	Is Group Term	false
Name	primary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;6 for EMAPA:17962&gt;</p> <p>2. order=6 for EMAPA:17962</p>		

Modified Component 860			
ID	EMAPA:31045	Is Group Term	false

Modified Component 860			
Name	ureteric tree terminal branch excluding tip itself		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:27721[nephrogenic zone] EMAPA:28407[collecting duct]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28407>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:27721>		
	3. order=4 for EMAPA:27721 order=1 for EMAPA:28407		

Modified Component 861			
ID	EMAPA:30068	Is Group Term	false
Name	cranial suspensory ligament		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cranial suspensory ligament(EMAPA:30068)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cranial suspensory ligament(EMAPA:30068)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <6 for EMAPA:17968>		

<b>Modified Component 861</b>			
	2. order=6 for EMAPA:17968		

<b>Modified Component 862</b>			
<i>ID</i>	EMAPA:19280	<i>Is Group Term</i>	true
<i>Name</i>	Loop of Henle group		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:19279[renal medulla] EMAPA:28491[mature nephron]		
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:28491>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:19279>		
	3. order=9 for EMAPA:19279 order=1 for EMAPA:28491		

<b>Modified Component 863</b>			
<i>ID</i>	EMAPA:19287	<i>Is Group Term</i>	false
<i>Name</i>	prostate gland		
<i>Starts At</i>	TS26	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19285[male accessory gland]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 863			
	system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19285>		
	2. order=1 for EMAPA:19285		

Modified Component 864			
ID	EMAPA:19286	Is Group Term	false
Name	bulbourethral gland		
Starts At	TS26	Ends At	TS28
Primary Parents	EMAPA:19285[male accessory gland]		
Group Parents			
Synonyms	[Cowper's gland]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19285>		
	2. order=0 for EMAPA:19285		

Modified Component 865			
ID	EMAPA:19289	Is Group Term	false
Name	tunica albuginea of testis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica albuginea of testis(EMAPA:19289)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica albuginea of testis(EMAPA:19289)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <9 for EMAPA:17972>		
	2. order=9 for EMAPA:17972		

<b>Modified Component 866</b>			
<i>ID</i>	EMAPA:30977	<i>Is Group Term</i>	true
<i>Name</i>	male external genitalia		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:17968[male reproductive system]		
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <25 for EMAPA:17968>		
	2. order=25 for EMAPA:17968		

<b>Modified Component 867</b>			
<i>ID</i>	EMAPA:31040	<i>Is Group Term</i>	false
<i>Name</i>	rest of cortical component of mesenchymal stroma of ovary		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:29009[cortical component of mesenchymal stroma]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ ]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), rest of cortical component of mesenchymal stroma of ovary(EMAPA:31040)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), rest of cortical component of mesenchymal stroma of ovary(EMAPA:31040)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:29009>		
	2. order=0 for EMAPA:29009		

<b>Modified Component 868</b>			
<i>ID</i>	EMAPA:30081	<i>Is Group Term</i>	false

<b>Modified Component 868</b>			
Name	epithelium of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[epithelium of bladder]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of neck(EMAPA:30081)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of neck(EMAPA:30081)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:28601>		
	2. order=2 for EMAPA:28601		

<b>Modified Component 869</b>			
ID	EMAPA:19296	Is Group Term	false
Name	scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30977[male external genitalia] EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <24 for EMAPA:17968>		
	2. Different Order - Referenced Component has no order entries; This Component has order entry <4 for EMAPA:30977>		
	3. order=24 for EMAPA:17968 order=4 for EMAPA:30977		

Modified Component 870			
ID	EMAPA:31035	Is Group Term	false
Name	pre-granulosa cell		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:31058[ovigerous cord] EMAPA:29009[cortical component of mesenchymal stroma]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), pre-granulosa cell(EMAPA:31035)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), pre-granulosa cell(EMAPA:31035)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), pre-granulosa cell(EMAPA:31035)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), pre-granulosa cell(EMAPA:31035)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:29009&gt;</p> <p>2. Different Order - Referenced Component has no order entries; This Component has order entry &lt;1 for EMAPA:31058&gt;</p> <p>3. order=1 for EMAPA:29009 order=1 for EMAPA:31058</p>		

Modified Component 871			
ID	EMAPA:30074	Is Group Term	false
Name	genital swelling		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), genital swelling(EMAPA:30074)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), genital swelling(EMAPA:30074)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has		



Modified Component 871	
	no order entries; This Component has order entry <16 for EMAPA:16367>
	2. order=16 for EMAPA:16367

Modified Component 872			
ID	EMAPA:30077	Is Group Term	false
Name	dorsal genital swelling		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[dorsal genital tubercle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), dorsal genital swelling(EMAPA:30077)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), dorsal genital swelling(EMAPA:30077)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:17382>		
	2. order=0 for EMAPA:17382		

Modified Component 873			
ID	EMAPA:19294	Is Group Term	false
Name	crus penis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 873	
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:18682>
	2. order=1 for EMAPA:18682

Modified Component 874			
ID	EMAPA:19293	Is Group Term	false
Name	corpus epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <2 for EMAPA:19290>		
	2. order=2 for EMAPA:19290		

Modified Component 875			
ID	EMAPA:30079	Is Group Term	false
Name	ventrolateral genital swelling		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[ventrolateral genital tubercle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), ventrolateral genital swelling(EMAPA:30079)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), ventrolateral genital swelling(EMAPA:30079)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:17382>		
	2. order=1 for EMAPA:17382		

Modified Component 876			
ID	EMAPA:19292	Is Group Term	false
Name	cauda epididymis		

<b>Modified Component 876</b>			
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <1 for EMAPA:19290>		
	2. order=1 for EMAPA:19290		

<b>Modified Component 877</b>			
ID	EMAPA:19291	Is Group Term	false
Name	caput epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <0 for EMAPA:19290>		
	2. order=0 for EMAPA:19290		

<b>Modified Component 878</b>			
ID	EMAPA:19290	Is Group Term	false
Name	epididymis		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 878			
	system(EMAPA:17968), epididymis(EMAPA:19290)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <12 for EMAPA:17968>		
	2. order=12 for EMAPA:17968		

Modified Component 879			
ID	EMAPA:30965	Is Group Term	false
Name	glomerular basement membrane		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[ ]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal corpuscle(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 879			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component has no order entries; This Component has order entry <3 for EMAPA:27949>		
	2. order=3 for EMAPA:27949		

## DELETED COMPONENTS

Total Deleted Components: 1

1. EMAPA:31581 - developing vasculature of genitourinary system GROUP

### DETAILS:

Deleted Components 1			
ID	EMAPA:31581	Is Group Term	false
Name	developing vasculature of genitourinary system GROUP		
Starts At		Ends At	
Primary Parents			
Group Parents			
Synonyms	[ ]		
Primary Path	[N/A]		
Alternate Paths			
Rule Status	PASSED	Edit Status	DELETED
Comments	1. Component has been deleted correctly from OBO File and can be scheduled for deletion in database		
	2. INFO: Obsolete Term		

---

## 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.