

**Editor Report for
Import of OBO File:
/net/homehost/export/home/mwicks/ma-
day/workspace/Anatomy/Database/Versions/Version008/ConvertFromVersion0
07/OBOFiles/JaneA_2010-10-15_Corrected.obo**

<i>Components Checked Status</i>	<i>Failed*</i>	<i>Passed**</i>	<i>Total</i>
All Components	0	5278	5278
New	0	57	57
Modified	0	83	83
Deleted	0	4	4
Unchanged	0	5101	5101

**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: 57

1. EMAPA:32258 - basal cell layer of bladder
2. EMAPA:32259 - superficial cell layer of bladder
3. EMAPA:32260 - submucosa of fundus
4. EMAPA:32261 - submucosa of bladder
5. EMAPA:32262 - submucosa of neck
6. EMAPA:32263 - submucosa of trigone
7. EMAPA:32264 - intermediate cell layer of ventral pelvic urethra of female
8. EMAPA:32265 - intermediate cell layer of dorsal pelvic urethra of female
9. EMAPA:32266 - intermediate cell layer of dorsal pelvic urethra of male
10. EMAPA:32267 - submucosa of ventral pelvic urethra of female
11. EMAPA:32268 - muscularis mucosa of ventral pelvic urethra of female
12. EMAPA:32269 - lamina propria of ventral pelvic urethra of female
13. EMAPA:32270 - muscularis mucosa of dorsal pelvic urethra of male
14. EMAPA:32271 - lamina propria of dorsal pelvic urethra of male
15. EMAPA:32272 - intermediate cell layer of ventral pelvic urethra of male
16. EMAPA:32273 - submucosa of dorsal pelvic urethra of female
17. EMAPA:32274 - muscularis mucosa of dorsal pelvic urethra of female
18. EMAPA:32275 - lamina propria of dorsal pelvic urethra of female
19. EMAPA:32276 - submucosa of dorsal pelvic urethra of male
20. EMAPA:32277 - lamina propria of ventral pelvic urethra of male
21. EMAPA:32278 - muscularis mucosa of ventral pelvic urethra of male
22. EMAPA:32279 - submucosa of ventral urethra of male
23. EMAPA:32280 - intermediate cell layer of prostatic urethra
24. EMAPA:32281 - lamina propria of prostatic urethra
25. EMAPA:32282 - muscularis mucosa of prostatic urethra
26. EMAPA:32283 - submucosa of prostatic urethra
27. EMAPA:32284 - urothelium of dorsal pelvic urethra of male
28. EMAPA:32285 - vasculature of pelvic urethra of female
29. EMAPA:32286 - superficial cell layer of ventral pelvic urethra of male
30. EMAPA:32287 - nerve of prostate gland
31. EMAPA:32288 - neural crest derivatives of pelvic urethra of male
32. EMAPA:32289 - urothelium of ventral pelvic urethra of female
33. EMAPA:32290 - basal cell layer of ventral pelvic urethra of female
34. EMAPA:32291 - superficial cell layer of ventral pelvic urethra of female
35. EMAPA:32292 - neural crest derivatives of pelvic urethra of female
36. EMAPA:32293 - mesenchymal pad of pelvic urethra of female
37. EMAPA:32294 - epithelial layer of prostate gland
38. EMAPA:32295 - muscle layer of ejaculatory duct
39. EMAPA:32296 - mesenchymal pad of pelvic urethra of male
40. EMAPA:32297 - peri-prostatic mesenchyme of prostate gland
41. EMAPA:32298 - smooth muscle layer of prostatic urethra
42. EMAPA:32299 - nerve of prostatic urethra
43. EMAPA:32300 - superficial cell layer of dorsal pelvic urethra of female
44. EMAPA:32301 - basal cell layer of dorsal pelvic urethra of female
45. EMAPA:32302 - urothelium of dorsal pelvic urethra of female
46. EMAPA:32303 - vasculature of prostatic urethra
47. EMAPA:32304 - vasculature of pelvic urethra of male
48. EMAPA:32305 - superficial cell layer of dorsal pelvic urethra of male
49. EMAPA:32306 - basal cell layer of dorsal pelvic urethra of male
50. EMAPA:32307 - basal cell layer of ventral pelvic urethra of male
51. EMAPA:32308 - urothelium of ventral pelvic urethra of male
52. EMAPA:32309 - mesenchymal layer of lower part of vagina
53. EMAPA:32310 - mesenchymal layer of upper part of vagina
54. EMAPA:32311 - superficial cell layer of prostatic urethra
55. EMAPA:32312 - striated muscle layer of prostatic urethra
56. EMAPA:32313 - mesenchymal layer of ejaculatory duct
57. EMAPA:32314 - basal cell layer of prostatic urethra

DETAILS:

New Component 1			
ID	EMAPA:32258	Is Group Term	false
Name	basal cell layer of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[urothelium of bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32258		

New Component 1	
	2. order=1 for EMAPA:28601

New Component 2			
ID	EMAPA:32259	Is Group Term	false
Name	superficial cell layer of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[urothelium of bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32259		
	2. order=0 for EMAPA:28601		

New Component 3			
ID	EMAPA:32260	Is Group Term	false
Name	submucosa of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	JFA:0002034[submucosa of bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:32260		

New Component 4			
ID	EMAPA:32261	Is Group Term	false
Name	submucosa of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32261		
	2. order=3 for EMAPA:18321		

New Component 5			
ID	EMAPA:32262	Is Group Term	false
Name	submucosa of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	JFA:0002034[submucosa of bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:32262		

New Component 6			
ID	EMAPA:32263	Is Group Term	false
Name	submucosa of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	JFA:0002034[submucosa of bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:32263		

New Component 7			
ID	EMAPA:32264	Is Group Term	false
Name	intermediate cell layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32285[urothelium of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32264		
	2. order=1 for EMAPA:32285		

New Component 8			
ID	EMAPA:32265	Is Group Term	false
Name	intermediate cell layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32282[urothelium of dorsal pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32265		
	2. order=1 for EMAPA:32282		

New Component 9			
ID	EMAPA:32266	Is Group Term	false
Name	intermediate cell layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32259[urothelium of dorsal pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32266		
	2. order=1 for EMAPA:32259		

New Component 10			
ID	EMAPA:32267	Is Group Term	false
Name	submucosa of ventral pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31553[mesenchymal layer of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32267		
	2. order=2 for EMAPA:31553		

New Component 11			
ID	EMAPA:32268	Is Group Term	false
Name	muscularis mucosa of ventral pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31553[mesenchymal layer of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32268		
	2. order=1 for EMAPA:31553		

New Component 12			
ID	EMAPA:32269	Is Group Term	false
Name	lamina propria of ventral pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31553[mesenchymal layer of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[peri-epithelial mesenchymal layer of ventral pelvic urethra of female, sub-epithelial mesenchymal layer of ventral pelvic urethra of female]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32269		
	2. order=0 for EMAPA:31553		

New Component 13			
ID	EMAPA:32270	Is Group Term	false
Name	muscularis mucosa of dorsal pelvic urethra of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31552[mesenchymal layer of dorsal pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32270		

New Component 13			
	2. order=1 for EMAPA:31552		

New Component 14			
ID	EMAPA:32271	Is Group Term	false
Name	lamina propria of dorsal pelvic urethra of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31552[mesenchymal layer of dorsal pelvic urethra of male]		
Group Parents			
Synonyms	[peri-epithelial mesenchymal layer of dorsal pelvic urethra of male, sub-epithelial mesenchymal layer of dorsal pelvic urethra of male]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32271		
	2. order=0 for EMAPA:31552		

New Component 15			
ID	EMAPA:32272	Is Group Term	false
Name	intermediate cell layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32267[urothelium of ventral pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32272		
	2. order=1 for EMAPA:32267		

New Component 16			
ID	EMAPA:32273	Is Group Term	false
Name	submucosa of dorsal pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31554[mesenchymal layer of dorsal pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32273		
	2. order=2 for EMAPA:31554		

New Component 17			
ID	EMAPA:32274	Is Group Term	false
Name	muscularis mucosa of dorsal pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31554[mesenchymal layer of dorsal pelvic urethra of female]		
Group Parents			

New Component 17			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32274		
	2. order=1 for EMAPA:31554		

New Component 18			
<i>ID</i>	EMAPA:32275	<i>Is Group Term</i>	false
<i>Name</i>	lamina propria of dorsal pelvic urethra of female		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:31554[mesenchymal layer of dorsal pelvic urethra of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[peri-epithelial mesenchymal layer of dorsal pelvic urethra of female, sub-epithelial mesenchymal layer of dorsal pelvic urethra of female]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32275		
	2. order=0 for EMAPA:31554		

New Component 19			
<i>ID</i>	EMAPA:32276	<i>Is Group Term</i>	false
<i>Name</i>	submucosa of dorsal pelvic urethra of male		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:31552[mesenchymal layer of dorsal pelvic urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32276		
	2. order=2 for EMAPA:31552		

New Component 20			
<i>ID</i>	EMAPA:32277	<i>Is Group Term</i>	false
<i>Name</i>	lamina propria of ventral pelvic urethra of male		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:31550[mesenchymal layer of ventral pelvic urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[peri-epithelial mesenchymal layer of ventral pelvic urethra of male, sub-epithelial mesenchymal layer of ventral pelvic urethra of male]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32277		
	2. order=0 for EMAPA:31550		

New Component 21			
<i>ID</i>	EMAPA:32278	<i>Is Group Term</i>	false
<i>Name</i>	muscularis mucosa of ventral pelvic urethra of male		

New Component 21			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31550[mesenchymal layer of ventral pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32278		
	2. order=1 for EMAPA:31550		

New Component 22			
ID	EMAPA:32279	Is Group Term	false
Name	submucosa of ventral urethra of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31550[mesenchymal layer of ventral pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32279		
	2. order=2 for EMAPA:31550		

New Component 23			
ID	EMAPA:32280	Is Group Term	false
Name	intermediate cell layer of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30952[urothelium of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32280		
	2. order=1 for EMAPA:30952		

New Component 24			
ID	EMAPA:32281	Is Group Term	false
Name	lamina propria of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30954[mesenchymal layer of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32281		
	2. order=0 for EMAPA:30954		

New Component 25			
ID	EMAPA:32282	Is Group Term	false
Name	muscularis mucosa of prostatic urethra		

New Component 25			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30954[mesenchymal layer of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32282		
	2. order=1 for EMAPA:30954		

New Component 26			
ID	EMAPA:32283	Is Group Term	false
Name	submucosa of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30954[mesenchymal layer of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32283		
	2. order=2 for EMAPA:30954		

New Component 27			
ID	EMAPA:32284	Is Group Term	false
Name	urothelium of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28697[urothelium of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32284		
	2. order=0 for EMAPA:28697		

New Component 28			
ID	EMAPA:32285	Is Group Term	false
Name	vasculature of pelvic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32285		
	2. order=3 for EMAPA:28753		

New Component 29			
ID	EMAPA:32286	Is Group Term	false
Name	superficial cell layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS28

New Component 29			
Primary Parents	EMAPA:32267[urothelium of ventral pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32286		
	2. order=0 for EMAPA:32267		

New Component 30			
ID	EMAPA:32287	Is Group Term	false
Name	nerve of prostate gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32287		
	2. order=7 for EMAPA:19287		

New Component 31			
ID	EMAPA:32288	Is Group Term	false
Name	neural crest derivatives of pelvic urethra of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32288		
	2. order=5 for EMAPA:18995		

New Component 32			
ID	EMAPA:32289	Is Group Term	false
Name	urothelium of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28759[urothelium of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32289		
	2. order=1 for EMAPA:28759		

New Component 33			
ID	EMAPA:32290	Is Group Term	false
Name	basal cell layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS28

New Component 33			
Primary Parents	EMAPA:32285[urothelium of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32290		
	2. order=2 for EMAPA:32285		

New Component 34			
ID	EMAPA:32291	Is Group Term	false
Name	superficial cell layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32285[urothelium of ventral pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32291		
	2. order=0 for EMAPA:32285		

New Component 35			
ID	EMAPA:32292	Is Group Term	false
Name	neural crest derivatives of pelvic urethra of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28753[pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32292		
	2. order=5 for EMAPA:28753		

New Component 36			
ID	EMAPA:32293	Is Group Term	false
Name	mesenchymal pad of pelvic urethra of female		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28765[mesenchymal layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32293		
	2. order=2 for EMAPA:28765		

New Component 37			
ID	EMAPA:32294	Is Group Term	false
Name	epithelial layer of prostate gland		

New Component 37			
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19287[prostate gland]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32294		
	2. order=0 for EMAPA:19287		

New Component 38			
<i>ID</i>	EMAPA:32295	<i>Is Group Term</i>	false
<i>Name</i>	muscle layer of ejaculatory duct		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19088[ejaculatory duct]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32295		
	2. order=2 for EMAPA:19088		

New Component 39			
<i>ID</i>	EMAPA:32296	<i>Is Group Term</i>	false
<i>Name</i>	mesenchymal pad of pelvic urethra of male		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:28703[mesenchymal layer of pelvic urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32296		
	2. order=2 for EMAPA:28703		

New Component 40			
<i>ID</i>	EMAPA:32297	<i>Is Group Term</i>	false
<i>Name</i>	peri-prostatic mesenchyme of prostate gland		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19287[prostate gland]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1. New EMAPA:ID generated: EMAPA:32297		
	2. order=1 for EMAPA:19287		

New Component 41			
<i>ID</i>	EMAPA:32298	<i>Is Group Term</i>	false
<i>Name</i>	smooth muscle layer of prostatic urethra		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>			
<i>Group Parents</i>			
<i>Synonyms</i>			
<i>Rule Status</i>		<i>Edit Status</i>	

New Component 41			
Primary Parents	EMAPA:30956[muscle layer of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32298		
	2. order=0 for EMAPA:30956		

New Component 42			
ID	EMAPA:32299	Is Group Term	false
Name	nerve of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32299		
	2. order=4 for EMAPA:30942		

New Component 43			
ID	EMAPA:32300	Is Group Term	false
Name	superficial cell layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32282[urothelium of dorsal pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32300		
	2. order=0 for EMAPA:32282		

New Component 44			
ID	EMAPA:32301	Is Group Term	false
Name	basal cell layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32282[urothelium of dorsal pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32301		
	2. order=2 for EMAPA:32282		

New Component 45			
ID	EMAPA:32302	Is Group Term	false
Name	urothelium of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS28

New Component 45			
Primary Parents	EMAPA:28759[urothelium of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32302		
	2. order=0 for EMAPA:28759		

New Component 46			
ID	EMAPA:32303	Is Group Term	false
Name	vasculature of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32303		
	2. order=3 for EMAPA:30942		

New Component 47			
ID	EMAPA:32304	Is Group Term	false
Name	vasculature of pelvic urethra of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32304		
	2. order=3 for EMAPA:18995		

New Component 48			
ID	EMAPA:32305	Is Group Term	false
Name	superficial cell layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32259[urothelium of dorsal pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32305		
	2. order=0 for EMAPA:32259		

New Component 49			
ID	EMAPA:32306	Is Group Term	false
Name	basal cell layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS28

New Component 49			
Primary Parents	EMAPA:32259[urothelium of dorsal pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32306		
	2. order=2 for EMAPA:32259		

New Component 50			
ID	EMAPA:32307	Is Group Term	false
Name	basal cell layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:32267[urothelium of ventral pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32307		
	2. order=2 for EMAPA:32267		

New Component 51			
ID	EMAPA:32308	Is Group Term	false
Name	urothelium of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28697[urothelium of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32308		
	2. order=1 for EMAPA:28697		

New Component 52			
ID	EMAPA:32309	Is Group Term	false
Name	mesenchymal layer of lower part of vagina		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18999[lower part of vagina]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32309		
	2. order=2 for EMAPA:18999		

New Component 53			
ID	EMAPA:32310	Is Group Term	false
Name	mesenchymal layer of upper part of vagina		
Starts At	TS25	Ends At	TS27

New Component 53			
Primary Parents	EMAPA:18987[upper part of vagina]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32310		
	2. order=2 for EMAPA:18987		

New Component 54			
ID	EMAPA:32311	Is Group Term	false
Name	superficial cell layer of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30952[urothelium of prostatic urethra]		
Group Parents			
Synonyms	[superficial epithelial layer of prostatic urethra]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32311		
	2. order=0 for EMAPA:30952		

New Component 55			
ID	EMAPA:32312	Is Group Term	false
Name	striated muscle layer of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30956[muscle layer of prostatic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32312		
	2. order=1 for EMAPA:30956		

New Component 56			
ID	EMAPA:32313	Is Group Term	false
Name	mesenchymal layer of ejaculatory duct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32313		
	2. order=1 for EMAPA:19088		

New Component 57			
ID	EMAPA:32314	Is Group Term	false
Name	basal cell layer of prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30952[urothelium of prostatic urethra]		

New Component 57			
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1. New EMAPA:ID generated: EMAPA:32314		
	2. order=2 for EMAPA:30952		

MODIFIED COMPONENTS

Total Modified Components: 83

1. EMAPA:29945 - adventitia of upper part of vagina
2. EMAPA:29939 - adventitia of lower part of vagina
3. EMAPA:28853 - urothelium of phallic urethra of male
4. EMAPA:28089 - urothelium of ureter
5. EMAPA:28801 - intermediate cell layer of ureter
6. EMAPA:28806 - basal cell layer of ureter
7. EMAPA:28826 - adventitia of bladder
8. EMAPA:29800 - basal epithelium of anterior prostate
9. EMAPA:29808 - dorsal prostate gland
10. EMAPA:29836 - ventral prostate gland
11. EMAPA:29840 - glandular epithelium of ventral prostate
12. EMAPA:29842 - basal epithelium of ventral prostate
13. EMAPA:29822 - lateral prostate gland
14. EMAPA:29828 - basal epithelium of lateral prostate
15. EMAPA:29826 - glandular epithelium of lateral prostate
16. EMAPA:30797 - vasculature of seminal vesicle
17. EMAPA:30799 - vasculature of ejaculatory duct
18. EMAPA:29812 - glandular epithelium of dorsal prostate
19. EMAPA:29814 - basal epithelium of dorsal prostate
20. EMAPA:28759 - urothelium of pelvic urethra of female
21. EMAPA:31409 - rest of inner medullary interstitium
22. EMAPA:29870 - mural of secondary follicle
23. EMAPA:29868 - cumulus of secondary follicle
24. EMAPA:27772 - visceral epithelium of capillary loop renal corpuscle
25. EMAPA:27766 - visceral epithelium of s-shaped body
26. EMAPA:27768 - parietal epithelium of s-shaped body
27. EMAPA:27786 - anlage of loop of Henle
28. EMAPA:28613 - urothelium of trigone
29. EMAPA:28601 - urothelium of bladder
30. EMAPA:28607 - urothelium of fundus
31. EMAPA:28637 - detrusor muscle of bladder
32. EMAPA:28661 - serosa of bladder
33. EMAPA:28679 - vasculature of bladder
34. EMAPA:28697 - urothelium of pelvic urethra of male
35. EMAPA:31526 - nerve of bladder
36. EMAPA:31520 - epithelium of urogenital sinus
37. EMAPA:31519 - mesenchyme of urogenital sinus
38. EMAPA:31565 - nerve of pelvic urethra of male
39. EMAPA:31560 - muscle layer of dorsal pelvic urethra of female
40. EMAPA:31567 - nerve of pelvic urethra of female
41. EMAPA:31552 - mesenchymal layer of dorsal pelvic urethra of male
42. EMAPA:31553 - mesenchymal layer of ventral pelvic urethra of female
43. EMAPA:31554 - mesenchymal layer of dorsal pelvic urethra of female
44. EMAPA:31550 - mesenchymal layer of ventral pelvic urethra of male
45. EMAPA:31556 - muscle layer of dorsal pelvic urethra of male
46. EMAPA:31559 - muscle layer of ventral pelvic urethra of female
47. EMAPA:27895 - visceral epithelium of s-shaped body
48. EMAPA:27853 - s-shaped body
49. EMAPA:27835 - comma-shaped body
50. EMAPA:27913 - visceral epithelium of capillary loop renal corpuscle
51. EMAPA:27901 - parietal epithelium of s-shaped body
52. EMAPA:28588 - superficial cellular layer of ureter
53. EMAPA:27967 - visceral epithelium of maturing renal corpuscle
54. EMAPA:28425 - nephric duct group
55. EMAPA:28429 - nephric duct group
56. EMAPA:28402 - postmacula segment of distal straight tubule
57. EMAPA:30805 - vasculature of prostate gland
58. EMAPA:31219 - developing vasculature of upper part of vagina
59. EMAPA:29798 - glandular epithelium of anterior prostate
60. EMAPA:29794 - anterior prostate gland
61. EMAPA:31224 - developing vasculature of lower part of vagina
62. EMAPA:29786 - epithelial layer of ejaculatory duct
63. EMAPA:28254 - visceral epithelium of mature renal corpuscle
64. EMAPA:29771 - epithelial layer of seminal vesicle
65. EMAPA:29775 - adventitia of seminal vesicle
66. EMAPA:29773 - muscle layer of seminal vesicle
67. EMAPA:30946 - urothelium of penile urethra
68. EMAPA:30948 - mesenchymal layer of penile urethra
69. EMAPA:30952 - urothelium of prostatic urethra
70. EMAPA:30954 - mesenchymal layer of prostatic urethra
71. EMAPA:30956 - muscle layer of prostatic urethra
72. EMAPA:30950 - muscle layer of penile urethra
73. EMAPA:30930 - urothelium of phallic urethra of female
74. EMAPA:27599 - nephric duct, metanephric portion
75. EMAPA:17377 - nephric duct, metanephric portion
76. EMAPA:28101 - deep cellular layer of ureter
77. EMAPA:18999 - lower part of vagina
78. EMAPA:30088 - lamina propria of bladder
79. EMAPA:31021 - bend of immature loop of Henle
80. EMAPA:31017 - straight limb of immature loop of Henle

81. EMAPA:19285 - male accessory gland
 82. EMAPA:19287 - prostate gland
 83. EMAPA:30081 - urothelium of neck

DETAILS:

Modified Component 1			
ID	EMAPA:29945	Is Group Term	false
Name	adventitia of upper part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31003[adventita 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), 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), adventita 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), adventita 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 (EMAPA:29945) has order entry <2 for EMAPA:18987>		
	2. Different Order - This Component has order entry <3 for EMAPA:18987>		
	3. order=3 for EMAPA:18987 order=1 for EMAPA:31003		

Modified Component 2			
ID	EMAPA:29939	Is Group Term	false
Name	adventitia of lower part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31003[adventita 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), adventitia of lower		

Modified Component 2			
	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 system(EMAPA:17959), vagina(EMAPA:18986), adventitia 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), adventitia 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 (EMAPA:29939) has order entry <2 for EMAPA:18999> 2. Different Order - This Component has order entry <3 for EMAPA:18999> 3. order=3 for EMAPA:18999 order=0 for EMAPA:31003		

Modified Component 3			
ID	EMAPA:28853	Is Group Term	false
Name	urothelium 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), urothelium 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), urothelium of phallic urethra of male(EMAPA:28853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28853 has name [epithelial layer of phallic urethra of male] 2. order=0 for EMAPA:17956		

Modified Component 4			
ID	EMAPA:28089	Is Group Term	false
Name	urothelium of ureter		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			

Modified Component 4			
Synonyms	[transitional epithelium]		
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 of ureter(EMAPA:28089)]		
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 of ureter(EMAPA:28089)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28089 has name [urothelium]		
	2. order=0 for EMAPA:17950		

Modified Component 5			
ID	EMAPA:28801	Is Group Term	false
Name	intermediate cell layer of ureter		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28101[deep cellular layer of 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), urothelium of ureter(EMAPA:28089), deep cellular layer of ureter(EMAPA:28101), intermediate cell layer of ureter(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 of ureter(EMAPA:28089), deep cellular layer of ureter(EMAPA:28101), intermediate cell layer of ureter(EMAPA:28801)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28801 has name [intermediate cell layer]		
	2. order=0 for EMAPA:28101		

Modified Component 6			
ID	EMAPA:28806	Is Group Term	false
Name	basal cell layer of ureter		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28101[deep cellular layer of 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), urothelium of ureter(EMAPA:28089), deep cellular layer of ureter(EMAPA:28101), basal cell layer of ureter(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),		

Modified Component 6			
	urothelium of ureter(EMAPA:28089), deep cellular layer of ureter(EMAPA:28101), basal cell layer of ureter(EMAPA:28806)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28806 has name [basal cell layer]		
	2. order=1 for EMAPA:28101		

Modified Component 7			
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 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 (EMAPA:28826) has order entry <5 for EMAPA:18321>		
	2. Different Order - This Component has order entry <6 for EMAPA:18321>		
	3. order=6 for EMAPA:18321		

Modified Component 8			
ID	EMAPA:29800	Is Group Term	false
Name	basal 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 prostatic epithelium(EMAPA:29796), basal 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), basal epithelium of anterior prostate(EMAPA:29800)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component		

Modified Component 8	
	EMAPA:29800 has name [ductal epithelium of anterior prostate]
	2. order=1 for EMAPA:29796

Modified Component 9			
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 (EMAPA:29808) has order entry <1 for EMAPA:19287>		
	2. Different Order - This Component has order entry <3 for EMAPA:19287>		
	3. order=3 for EMAPA:19287		

Modified Component 10			
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 (EMAPA:29836) has order entry <4 for EMAPA:19287>		
	2. Different Order - This Component has order entry <5 for EMAPA:19287>		
	3. order=5 for EMAPA:19287		

Modified Component 11			
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	[luminal epithelium, 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 Synonyms - Referenced Component EMAPA:29840 has synonyms [secretory epithelium]		
	2. order=0 for EMAPA:29838		

Modified Component 12			
ID	EMAPA:29842	Is Group Term	false
Name	basal 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), basal 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), basal epithelium of ventral prostate(EMAPA:29842)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:29842 has name [ductal epithelium of ventral prostate]		
	2. order=1 for EMAPA:29838		

Modified Component 13

Modified Component 13			
<i>ID</i>	EMAPA:29822	<i>Is Group Term</i>	false
<i>Name</i>	lateral prostate gland		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19287[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), lateral prostate gland(EMAPA:29822)]		
<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)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component (EMAPA:29822) has order entry <2 for EMAPA:19287>		
	2. Different Order - This Component has order entry <4 for EMAPA:19287>		
	3. order=4 for EMAPA:19287		

Modified Component 14			
<i>ID</i>	EMAPA:29828	<i>Is Group Term</i>	false
<i>Name</i>	basal epithelium of lateral prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29824[lateral 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), lateral prostate gland(EMAPA:29822), lateral prostatic epithelium(EMAPA:29824), basal epithelium of lateral prostate(EMAPA:29828)]		
<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 epithelium(EMAPA:29824), basal epithelium of lateral prostate(EMAPA:29828)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Name - Referenced Component EMAPA:29828 has name [ductal epithelium of lateral prostate]		
	2. order=1 for EMAPA:29824		

Modified Component 15			
<i>ID</i>	EMAPA:29826	<i>Is Group Term</i>	false

Modified Component 15			
Name	glandular epithelium of lateral prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29824[lateral prostatic epithelium]		
Group Parents			
Synonyms	[luminal epithelium, 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)]		
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 Synonyms - Referenced Component EMAPA:29826 has synonyms [secretory epithelium]		
	2. order=0 for EMAPA:29824		

Modified Component 16			
ID	EMAPA:30797	Is Group Term	false
Name	vasculature of seminal vesicle		
Starts At	TS24	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 (EMAPA:30797) has order entry <5 for EMAPA:19180>		
	2. Different Order - This Component has order entry <3 for EMAPA:19180>		
	3. Different Start Stage - Referenced Component EMAPA:30797 has Start Stage TS28		
	4. order=3 for EMAPA:19180		

Modified Component 17			
ID	EMAPA:30799	Is Group Term	false
Name	vasculature of ejaculatory duct		

Modified Component 17			
Starts At	TS24	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 (EMAPA:30799) has order entry <2 for EMAPA:19088>		
	2. Different Order - This Component has order entry <3 for EMAPA:19088>		
	3. Different Start Stage - Referenced Component EMAPA:30799 has Start Stage TS28		
	4. order=3 for EMAPA:19088		

Modified Component 18			
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	[luminal epithelium, 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 Synonyms - Referenced Component EMAPA:29812 has synonyms [secretory epithelium]		
	2. order=0 for EMAPA:29810		

Modified Component 19			
ID	EMAPA:29814	Is Group Term	false
Name	basal epithelium of dorsal prostate		
Starts At	TS28	Ends At	TS28

Modified Component 19			
Primary Parents	EMAPA:29810[dorsal 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), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), basal epithelium of dorsal prostate(EMAPA:29814)]		
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), basal epithelium of dorsal prostate(EMAPA:29814)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:29814 has name [ductal epithelium of dorsal prostate]		
	2. order=1 for EMAPA:29810		

Modified Component 20			
ID	EMAPA:28759	Is Group Term	false
Name	urothelium 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), urothelium 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), urothelium of pelvic urethra of female(EMAPA:28759)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28759 has name [epithelial layer of pelvic urethra of female]		
	2. order=0 for EMAPA:28753		

Modified Component 21			
ID	EMAPA:31409	Is Group Term	false
Name	rest of inner medullary interstitium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28364[inner medullary interstitium]		
Group Parents			
Synonyms	[]		

Modified Component 21			
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 End Stage - Referenced Component EMAPA:31409 has End Stage TS26		
	2. order=2 for EMAPA:28364		

Modified Component 22			
ID	EMAPA:29870	Is Group Term	false
Name	mural of secondary follicle		
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 of secondary follicle(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 of secondary follicle(EMAPA:29870)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:29870 has name [mural]		
	2. order=1 for EMAPA:29866		

Modified Component 23			
ID	EMAPA:29868	Is Group Term	false

Modified Component 23			
Name	cumulus of secondary follicle		
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 of secondary follicle(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 of secondary follicle(EMAPA:29868)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:29868 has name [cumulus]		
	2. order=0 for EMAPA:29866		

Modified Component 24			
ID	EMAPA:27772	Is Group Term	false
Name	visceral epithelium of capillary loop renal corpuscle		
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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(EMAPA:27772)]		
	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), visceral epithelium of capillary loop renal corpuscle(EMAPA:27772)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27772 has name [visceral epithelium]		

Modified Component 24			
		2. order=4 for EMAPA:27770	

Modified Component 25			
ID	EMAPA:27766	Is Group Term	false
Name	visceral epithelium of s-shaped body		
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 epithelium of s-shaped body(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 of s-shaped body(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 of s-shaped body(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 of s-shaped body(EMAPA:27766)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27766 has name [visceral epithelium]		
	2. order=0 for EMAPA:27764		

Modified Component 26			
ID	EMAPA:27768	Is Group Term	false
Name	parietal epithelium of s-shaped body		
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 of s-shaped body(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),		

Modified Component 26			
	proximal segment of s-shaped body(EMAPA:27764), parietal epithelium of s-shaped body(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 of s-shaped body(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 of s-shaped body(EMAPA:27768)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27768 has name [parietal epithelium]		
	2. order=1 for EMAPA:27764		

Modified Component 27			
ID	EMAPA:27786	Is Group Term	false
Name	anlage of loop of Henle		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27782[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 tubule(EMAPA:27782), anlage of 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 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 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 loop of Henle(EMAPA:27786)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27786 has name [anlage of the loop of Henle]		
	2. order=1 for EMAPA:27782		

Modified Component 28			
ID	EMAPA:28613	Is Group Term	false
Name	urothelium of trigone		

Modified Component 28			
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[urothelium 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), urothelium of bladder(EMAPA:28601), urothelium 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), urothelium of bladder(EMAPA:28601), urothelium of trigone(EMAPA:28613)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28613 has name [epithelium of trigone]		
	2. Different Order - Referenced Component (EMAPA:28613) has order entry <1 for EMAPA:28601>		
	3. Different Order - This Component has order entry <3 for EMAPA:28601>		
	4. order=3 for EMAPA:28601		

Modified Component 29			
ID	EMAPA:28601	Is Group Term	false
Name	urothelium of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[epithelium of bladder]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), urothelium 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), urothelium of bladder(EMAPA:28601)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28601 has name [epithelium of bladder]		
	2. Different Synonyms - Referenced Component EMAPA:28601 has synonyms [urothelium]		
	3. order=0 for EMAPA:18321		

Modified Component 30			
ID	EMAPA:28607	Is Group Term	false
Name	urothelium of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[urothelium of bladder]		
Group Parents			
Synonyms	[]		

Modified Component 30			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), urothelium of bladder(EMAPA:28601), urothelium of fundus(EMAPA:28607)]		
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), urothelium of bladder(EMAPA:28601), urothelium of fundus(EMAPA:28607)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28607 has name [epithelium of fundus]		
	2. Different Order - Referenced Component (EMAPA:28607) has order entry <0 for EMAPA:28601>		
	3. Different Order - This Component has order entry <2 for EMAPA:28601>		
	4. order=2 for EMAPA:28601		

Modified Component 31			
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
Comments	1. Different Order - Referenced Component (EMAPA:28637) has order entry <3 for EMAPA:18321>		
	2. Different Order - This Component has order entry <4 for EMAPA:18321>		
	3. order=4 for EMAPA:18321		

Modified Component 32			
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),		

Modified Component 32			
	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 (EMAPA:28661) has order entry <4 for EMAPA:18321>		
	2. Different Order - This Component has order entry <5 for EMAPA:18321>		
	3. order=5 for EMAPA:18321		

Modified Component 33			
ID	EMAPA:28679	Is Group Term	false
Name	vasculature of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[blood vessel of bladder]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), vasculature 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), vasculature of bladder(EMAPA:28679)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28679 has name [blood vessels of bladder]		
	2. Different Order - Referenced Component (EMAPA:28679) has order entry <6 for EMAPA:18321>		
	3. Different Order - This Component has order entry <7 for EMAPA:18321>		
	4. Different Synonyms - Referenced Component EMAPA:28679 has synonyms []		
	5. order=7 for EMAPA:18321		

Modified Component 34			
ID	EMAPA:28697	Is Group Term	false
Name	urothelium 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), urothelium of pelvic urethra of male(EMAPA:28697)]		
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), urothelium of pelvic urethra of male(EMAPA:28697)]		

Modified Component 34			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28697 has name [epithelial layer of pelvic urethra of male]		
	2. order=0 for EMAPA:18995		

Modified Component 35			
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 (EMAPA:31526) has order entry <7 for EMAPA:18321>		
	2. Different Order - This Component has order entry <8 for EMAPA:18321>		
	3. order=8 for EMAPA:18321		

Modified Component 36			
ID	EMAPA:31520	Is Group Term	false
Name	epithelium of urogenital sinus		
Starts At	TS18	Ends At	TS18
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), epithelium of urogenital sinus(EMAPA:31520)]		
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), epithelium of urogenital sinus(EMAPA:31520)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component (EMAPA:31520) has order entry <1 for EMAPA:17211>		
	2. Different Order - This Component has order entry <0 for EMAPA:17211>		
	3. order=0 for EMAPA:17211		

Modified Component 37			

Modified Component 37			
ID	EMAPA:31519	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS18	Ends At	TS18
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 (EMAPA:31519) has order entry <0 for EMAPA:17211>		
	2. Different Order - This Component has order entry <1 for EMAPA:17211>		
	3. order=1 for EMAPA:17211		

Modified Component 38			
ID	EMAPA:31565	Is Group Term	false
Name	nerve of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male] 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 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 (EMAPA:31565) has order entry <3 for EMAPA:18995>		
	2. Different Order - This Component has order entry <4 for EMAPA:18995>		
	3. order=4 for EMAPA:18995		

Modified Component 39			
ID	EMAPA:31560	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS27
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 End Stage - Referenced Component EMAPA:31560 has End Stage TS25		
	2. order=0 for EMAPA:28771		

Modified Component 40			
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)]		
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 (EMAPA:31567) has order entry <3 for EMAPA:28753>		

Modified Component 40	
	2. Different Order - This Component has order entry <4 for EMAPA:28753>
	3. order=4 for EMAPA:28753

Modified Component 41			
ID	EMAPA:31552	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS28
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 End Stage - Referenced Component EMAPA:31552 has End Stage TS25		
	2. order=0 for EMAPA:28703		

Modified Component 42			
ID	EMAPA:31553	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS28
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 End Stage - Referenced Component EMAPA:31553 has End Stage TS25		
	2. order=1 for EMAPA:28765		

Modified Component 43			
ID	EMAPA:31554	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS28
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 End Stage - Referenced Component EMAPA:31554 has End Stage TS25		
	2. order=0 for EMAPA:28765		

Modified Component 44			
ID	EMAPA:31550	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS28
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 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 End Stage - Referenced Component EMAPA:31550 has End Stage TS25		
	2. order=1 for EMAPA:28703		

Modified Component 45			
ID	EMAPA:31556	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of male		

Modified Component 45			
Starts At	TS23	Ends At	TS27
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 End Stage - Referenced Component EMAPA:31556 has End Stage TS25		
	2. order=0 for EMAPA:28709		

Modified Component 46			
ID	EMAPA:31559	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS27
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 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 End Stage - Referenced Component EMAPA:31559 has End Stage TS25		
	2. order=1 for EMAPA:28771		

Modified Component 47			
ID	EMAPA:27895	Is Group Term	false
Name	visceral epithelium of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27883[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		

Modified Component 47			
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), visceral epithelium of s-shaped body(EMAPA:27895)]		
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), visceral epithelium of s-shaped body(EMAPA:27895)]		
	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 of s-shaped body(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 of s-shaped body(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 of s-shaped body(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 of s-shaped body(EMAPA:27895)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27895 has name [visceral epithelium]		
	2. order=0 for EMAPA:27883		

Modified Component 48			
ID	EMAPA:27853	Is Group Term	false
Name	s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28500[early tubule] EMAPA:17952[renal cortex] 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), 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		

Modified Component 48			
	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), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - Referenced Component (EMAPA:27853) has order entry <1 for EMAPA:28500>		
	2. Different Order - This Component has order entry <2 for EMAPA:28500>		
	3. order=2 for EMAPA:28500 order=6 for EMAPA:17954 order=2 for EMAPA:17952		

Modified Component 49			
ID	EMAPA:27835	Is Group Term	false
Name	comma-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	[]		
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), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), comma-shaped body(EMAPA:27835)]		
	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), 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), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 49			
	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), comma-shaped body(EMAPA:27835)]		
	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), comma-shaped body(EMAPA:27835)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Order - This Component has order entry <1 for EMAPA:28500>		
	2. Different Parents - Referenced Component EMAPA:27835 has parents [EMAPA:17954, EMAPA:17952]		
	3. order=4 for EMAPA:17954 order=1 for EMAPA:17952 order=1 for EMAPA:28500		

Modified Component 50			
ID	EMAPA:27913	Is Group Term	false
Name	visceral epithelium of capillary loop renal corpuscle		
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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(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), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(EMAPA:27913)]		

Modified Component 50			
	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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(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 of capillary loop renal corpuscle(EMAPA:27913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27913 has name [visceral epithelium]		
	2. order=4 for EMAPA:27907		

Modified Component 51			
ID	EMAPA:27901	Is Group Term	false
Name	parietal epithelium of s-shaped body		
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 of s-shaped body(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 of s-shaped body(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 of s-shaped body(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 of s-shaped body(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),		

Modified Component 51			
	renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium of s-shaped body(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), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium of s-shaped body(EMAPA:27901)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27901 has name [parietal epithelium]		
	2. order=1 for EMAPA:27883		

Modified Component 52			
ID	EMAPA:28588	Is Group Term	false
Name	superficial cellular layer of ureter		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[urothelium of ureter]		
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 of ureter(EMAPA:28089), superficial cellular layer of ureter(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 of ureter(EMAPA:28089), superficial cellular layer of ureter(EMAPA:28588)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28588 has name [superficial cellular layer]		
	2. order=0 for EMAPA:28089		

Modified Component 53			
ID	EMAPA:27967	Is Group Term	false
Name	visceral epithelium of maturing renal corpuscle		
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 of maturing renal corpuscle(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		

Modified Component 53			
	corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium of maturing renal corpuscle(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 cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(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 of maturing renal corpuscle(EMAPA:27967)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:27967 has name [visceral epithelium]		
	2. order=2 for EMAPA:27949		

Modified Component 54			
<i>ID</i>	EMAPA:28425	<i>Is Group Term</i>	true
<i>Name</i>	nephric duct group		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:16367[genitourinary system]		
<i>Synonyms</i>	[mesonephric duct, Wolffian duct]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425)]		
<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), nephric duct group(EMAPA:28425)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Synonyms - Referenced Component EMAPA:28425 has synonyms []		
	2. order=18 for EMAPA:16367		

Modified Component 55			
<i>ID</i>	EMAPA:28429	<i>Is Group Term</i>	true
<i>Name</i>	nephric duct group		
<i>Starts At</i>	TS19	<i>Ends At</i>	TS19
<i>Primary Parents</i>			
<i>Group Parents</i>	EMAPA:16245[visceral organ]		
<i>Synonyms</i>	[mesonephric duct, Wolffian duct]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Synonyms - Referenced Component EMAPA:28429 has synonyms []		
	2. order=3 for EMAPA:16245		

Modified Component 56			
<i>ID</i>	EMAPA:28402	<i>Is Group Term</i>	false
<i>Name</i>	postmacula segment of distal straight tubule		
<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 of distal		

Modified Component 56

	straight tubule(EMAPA:28402)]
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), 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 of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>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), postmacula segment of distal straight tubule(EMAPA:28402)]</p> <p>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 of distal straight tubule(EMAPA:28402)]</p> <p>9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),</p>

Modified Component 56

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 of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(EMAPA:28402)]

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 of distal straight tubule(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

Modified Component 56

tubule(EMAPA:28387), distal straight
tubule(EMAPA:28396), postmacula segment of distal
straight tubule(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 of distal
straight tubule(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 of distal
straight tubule(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 of distal
straight tubule(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 of distal
straight tubule(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 of distal
straight tubule(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 segment of distal
straight tubule(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 of distal
straight tubule(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

Modified Component 56			
	tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment of distal straight tubule(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 of distal straight tubule(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 of distal straight tubule(EMAPA:28402)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28402 has name [postmacula segment]		
	2. order=2 for EMAPA:28396		

Modified Component 57			
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 (EMAPA:30805) has order entry <3 for EMAPA:19287>		
	2. Different Order - This Component has order entry <6 for EMAPA:19287>		
	3. order=6 for EMAPA:19287		

Modified Component 58			
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]		

Modified Component 58			
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 (EMAPA:31219) has order entry <3 for EMAPA:18987>		
	2. Different Order - This Component has order entry <4 for EMAPA:18987>		
	3. order=4 for EMAPA:18987 order=1 for EMAPA:31229		

Modified Component 59			
ID	EMAPA:29798	Is Group Term	false
Name	glandular epithelium of anterior prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29796[anterior prostatic epithelium]		
Group Parents			
Synonyms	[luminal epithelium, 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

Modified Component 59	
Comments	1. Different Synonyms - Referenced Component EMAPA:29798 has synonyms [secretory epithelium]
	2. order=0 for EMAPA:29796

Modified Component 60			
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 (EMAPA:29794) has order entry <0 for EMAPA:19287>		
	2. Different Order - This Component has order entry <2 for EMAPA:19287>		
	3. order=2 for EMAPA:19287		

Modified Component 61			
ID	EMAPA:31224	Is Group Term	false
Name	developing vasculature of lower part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:31229[developing vasculature 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), 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),		

Modified Component 61			
	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 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 (EMAPA:31224) has order entry <3 for EMAPA:18999>		
	2. Different Order - This Component has order entry <4 for EMAPA:18999>		
	3. order=4 for EMAPA:18999 order=0 for EMAPA:31229		

Modified Component 62			
ID	EMAPA:29786	Is Group Term	false
Name	epithelial layer of ejaculatory duct		
Starts At	TS24	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)]		
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 Start Stage - Referenced Component EMAPA:29786 has Start Stage TS28		
	2. order=0 for EMAPA:19088		

Modified Component 63			
ID	EMAPA:28254	Is Group Term	false
Name	visceral epithelium of mature renal corpuscle		
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 of mature renal corpuscle(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		

Modified Component 63			
	nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium of mature renal corpuscle(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 of mature renal corpuscle(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 of mature renal corpuscle(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 of mature renal corpuscle(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 of mature renal corpuscle(EMAPA:28254)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28254 has name [visceral epithelium]		
	2. order=3 for EMAPA:28239		

Modified Component 64			
ID	EMAPA:29771	Is Group Term	false
Name	epithelial layer of seminal vesicle		
Starts At	TS24	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), epithelial layer 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), epithelial layer of seminal vesicle(EMAPA:29771)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:29771 has name [epithelium of seminal vesicle]		
	2. Different Start Stage - Referenced Component EMAPA:29771 has Start Stage TS28		

Modified Component 64			
	3. order=0 for EMAPA:19180		

Modified Component 65			
<i>ID</i>	EMAPA:29775	<i>Is Group Term</i>	false
<i>Name</i>	adventitia of seminal vesicle		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19180[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), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		
<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), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Order - Referenced Component (EMAPA:29775) has order entry <4 for EMAPA:19180>		
	2. Different Order - This Component has order entry <2 for EMAPA:19180>		
	3. Different Start Stage - Referenced Component EMAPA:29775 has Start Stage TS28		
	4. order=2 for EMAPA:19180		

Modified Component 66			
<i>ID</i>	EMAPA:29773	<i>Is Group Term</i>	false
<i>Name</i>	muscle layer of seminal vesicle		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19180[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), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		
<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), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1. Different Start Stage - Referenced Component EMAPA:29773 has Start Stage TS28		
	2. order=1 for EMAPA:19180		

Modified Component 67			
<i>ID</i>	EMAPA:30946	<i>Is Group Term</i>	false

Modified Component 67			
Name	urothelium of penile urethra		
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), urothelium of penile urethra(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), urothelium of penile urethra(EMAPA:30946)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30946 has name [epithelial layer]		
	2. order=0 for EMAPA:30944		

Modified Component 68			
ID	EMAPA:30948	Is Group Term	false
Name	mesenchymal layer of penile urethra		
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 of penile urethra(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 of penile urethra(EMAPA:30948)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30948 has name [mesenchymal layer]		
	2. order=1 for EMAPA:30944		

Modified Component 69			
ID	EMAPA:30952	Is Group Term	false
Name	urothelium of prostatic urethra		
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), urothelium of prostatic		

Modified Component 69			
	urethra(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), urothelium of prostatic urethra(EMAPA:30952)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30952 has name [epithelial layer]		
	2. order=0 for EMAPA:30942		

Modified Component 70			
ID	EMAPA:30954	Is Group Term	false
Name	mesenchymal layer of prostatic urethra		
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 of prostatic urethra(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 of prostatic urethra(EMAPA:30954)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30954 has name [mesenchymal layer]		
	2. order=1 for EMAPA:30942		

Modified Component 71			
ID	EMAPA:30956	Is Group Term	false
Name	muscle layer of prostatic urethra		
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 of prostatic urethra(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 of prostatic urethra(EMAPA:30956)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30956 has name [muscle layer]		
	2. order=2 for EMAPA:30942		

Modified Component 72			
ID	EMAPA:30950	Is Group Term	false
Name	muscle layer of penile urethra		
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 of penile urethra(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 of penile urethra(EMAPA:30950)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30950 has name [muscle layer]		
	2. order=2 for EMAPA:30944		

Modified Component 73			
ID	EMAPA:30930	Is Group Term	false
Name	urothelium 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), urothelium of phallic urethra of female(EMAPA:30930)]		
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), urothelium of phallic urethra of female(EMAPA:30930)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30930 has name [epithelial layer of phallic urethra of female]		
	2. order=2 for EMAPA:30917		

Modified Component 74			
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			

Modified Component 74			
Synonyms	[mesonephric duct, metanephric portion]		
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 Synonyms - Referenced Component EMAPA:27599 has synonyms []		
	2. order=9 for EMAPA:16367 order=2 for EMAPA:28425		

Modified Component 75			
ID	EMAPA:17377	Is Group Term	false
Name	nephric duct, metanephric portion		
Starts At	TS19	Ends At	TS20
Primary Parents	EMAPA:17366[urinary system] EMAPA:28429[nephric duct group]		
Group Parents			
Synonyms	[mesonephric duct, metanephric portion, 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 Synonyms - Referenced Component EMAPA:17377 has synonyms [Wolffian duct]		
	2. order=6 for EMAPA:17366 order=1 for EMAPA:28429		

--

Modified Component 76			
ID	EMAPA:28101	Is Group Term	false
Name	deep cellular layer of ureter		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[urothelium of ureter]		
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 of ureter(EMAPA:28089), deep cellular layer of ureter(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 of ureter(EMAPA:28089), deep cellular layer of ureter(EMAPA:28101)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:28101 has name [deep cellular layer]		
	2. order=1 for EMAPA:28089		

Modified Component 77			
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	[sinus vagina]		
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 Synonyms - Referenced Component EMAPA:18999 has synonyms []		
	2. order=0 for EMAPA:18986		

Modified Component 78			
ID	EMAPA:30088	Is Group Term	false
Name	lamina propria 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		

Modified Component 78			
	organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of 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 bladder(EMAPA:30088)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30088 has name [lamina propria of the bladder]		
	2. order=1 for EMAPA:18321		

Modified Component 79			
ID	EMAPA:31021	Is Group Term	false
Name	bend of immature loop of Henle		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28049[immature loop of Henle] EMAPA:31414[medullary renal tubule]		
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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(EMAPA:31021)]		
	6. [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), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend of immature loop of Henle(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 of immature loop of Henle(EMAPA:31021)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:31021 has name [bend]		
	2. order=1 for EMAPA:28049 order=1 for EMAPA:31414		

Modified Component 80			
ID	EMAPA:31017	Is Group Term	false
Name	straight limb of immature loop of Henle		
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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(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 of immature loop of Henle(EMAPA:31017)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 80			
	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 of immature loop of Henle(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 of immature loop of Henle(EMAPA:31017)]		
	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), straight limb of immature loop of Henle(EMAPA:31017)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:31017 has name [straight limb]		
	2. order=0 for EMAPA:28049 order=0 for EMAPA:31414		

Modified Component 81			
ID	EMAPA:19285	Is Group Term	false
Name	male accessory gland		
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), 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	1. Different Start Stage - Referenced Component EMAPA:19285 has Start Stage TS26		
	2. order=17 for EMAPA:17968		

Modified Component 82			
ID	EMAPA:19287	Is Group Term	false
Name	prostate gland		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19285[male accessory 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		

Modified Component 82			
	system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287)]		
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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Start Stage - Referenced Component EMAPA:19287 has Start Stage TS26		
	2. order=1 for EMAPA:19285		

Modified Component 83			
ID	EMAPA:30081	Is Group Term	false
Name	urothelium of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[urothelium 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), urothelium of bladder(EMAPA:28601), urothelium 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), urothelium of bladder(EMAPA:28601), urothelium of neck(EMAPA:30081)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. Different Name - Referenced Component EMAPA:30081 has name [epithelium of neck]		
	2. Different Order - Referenced Component (EMAPA:30081) has order entry <2 for EMAPA:28601>		
	3. Different Order - This Component has order entry <4 for EMAPA:28601>		
	4. order=4 for EMAPA:28601		

DELETED COMPONENTS

Total Deleted Components: 4

1. EMAPA:29321 - glandular tissue of seminal vesicle
2. EMAPA:29286 - rest of the seminal vesicle
3. EMAPA:29282 - duct of the seminal vesicle
4. EMAPA:29788 - rest of ejaculatory duct

DETAILS:

Deleted Components 1			
ID	EMAPA:29321	Is Group Term	false
Name	glandular tissue of seminal vesicle		
Starts At	TS25	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), 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	DELETED
Comments	1. INFO: Obsolete Term		
	2. Obsolete term formerly linked to : [EMAPA:19180]		

Deleted Components 2			
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	DELETED
Comments	1. INFO: Obsolete Term		
	2. Obsolete term formerly linked to : [EMAPA:19180]		

Deleted Components 3			

Deleted Components 3			
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	DELETED
Comments	1. INFO: Obsolete Term		
	2. Obsolete term formerly linked to : [EMAPA:19180]		

Deleted Components 4			
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	DELETED
Comments	1. INFO: Obsolete Term		
	2. Obsolete term formerly linked to : [EMAPA:19088]		

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.