

**Editor Report for
Import of OBO File:
/net/homehost/export/home/mwicks/ma-
day/workspace/Anatomy/Database/Versions/Version006/ConvertFromVersion0
04/OBOFiles/Version004_Changes_1_21-04-2009.obo**

<i>Components Checked Status</i>	<i>Failed*</i>	<i>Passed**</i>	<i>Total</i>
All Components	0	5201	5201
New	0	83	83
Modified	0	797	797
Deleted	0	1	1
Unchanged	0	4287	4287

**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: 83

1. EMAPA:31500 - mesenchyme of urogenital sinus
2. EMAPA:31501 - mesenchyme of proximal genital tubercle of male
3. EMAPA:31502 - surface epithelium of proximal genital tubercle of male
4. EMAPA:31503 - developing vasculature of female genital tubercle
5. EMAPA:31504 - proximal genital tubercle of male
6. EMAPA:31505 - urethral opening of male
7. EMAPA:31506 - proximal genital tubercle of female
8. EMAPA:31507 - distal urethral epithelium of male
9. EMAPA:31508 - proximal urethral epithelium of male
10. EMAPA:31509 - epithelium of urogenital sinus
11. EMAPA:31510 - developing vasculature of male genital tubercle
12. EMAPA:31511 - early distal tubule of capillary loop nephron
13. EMAPA:31512 - early proximal tubule of maturing nephron
14. EMAPA:31513 - early distal tubule of maturing nephron
15. EMAPA:31514 - early distal tubule of maturing nephron
16. EMAPA:31515 - renal connecting tubule of capillary loop nephron
17. EMAPA:31516 - renal connecting tubule of maturing nephron
18. EMAPA:31517 - renal connecting tubule of mature nephron
19. EMAPA:31518 - urethral epithelium
20. EMAPA:31519 - mesenchyme of urogenital sinus
21. EMAPA:31520 - epithelium of urogenital sinus
22. EMAPA:31521 - early distal tubule of capillary loop nephron
23. EMAPA:31522 - pelvic ganglion
24. EMAPA:31523 - nerve of pelvic urethra
25. EMAPA:31524 - nerve of phallic urethra
26. EMAPA:31525 - mesenchymal layer of ventral primitive bladder
27. EMAPA:31526 - nerve of bladder
28. EMAPA:31527 - pelvic ganglion
29. EMAPA:31528 - nerve of urogenital sinus
30. EMAPA:31529 - mesenchymal layer of dorsal primitive bladder
31. EMAPA:31530 - proximal urethral epithelium of female
32. EMAPA:31531 - urethral opening of female
33. EMAPA:31532 - developing vasculature of urogenital sinus
34. EMAPA:31533 - nerves of urogenital sinus
35. EMAPA:31534 - mesenchyme of proximal genital tubercle of female
36. EMAPA:31535 - surface epithelium of proximal genital tubercle of female
37. EMAPA:31536 - distal urethral epithelium of female
38. EMAPA:31537 - developing vasculature of male mesonephros
39. EMAPA:31538 - developing vasculature of female mesonephros
40. EMAPA:31539 - developing vasculature of primitive bladder
41. EMAPA:31540 - renal connecting segment of renal vesicle
42. EMAPA:31541 - renal connecting segment of renal vesicle
43. EMAPA:31542 - early proximal tubule of maturing nephron
44. EMAPA:31543 - early proximal tubule of capillary loop nephron
45. EMAPA:31544 - early proximal tubule of capillary loop nephron
46. EMAPA:31545 - renal connecting segment of comma-shaped body
47. EMAPA:31546 - renal connecting segment of comma-shaped body
48. EMAPA:31547 - proximal renal vesicle
49. EMAPA:31548 - distal renal vesicle
50. EMAPA:31549 - proximal renal vesicle
51. EMAPA:31550 - mesenchymal layer of ventral pelvic urethra of male
52. EMAPA:31551 - nerve of phallic urethra of female
53. EMAPA:31552 - mesenchymal layer of dorsal pelvic urethra of male
54. EMAPA:31553 - mesenchymal layer of ventral pelvic urethra of female
55. EMAPA:31554 - mesenchymal layer of dorsal pelvic urethra of female
56. EMAPA:31555 - muscle layer of ventral pelvic urethra of male
57. EMAPA:31556 - muscle layer of dorsal pelvic urethra of male
58. EMAPA:31557 - nerve of caudal urethra
59. EMAPA:31558 - nerve of pelvic urethra
60. EMAPA:31559 - muscle layer of ventral pelvic urethra of female
61. EMAPA:31560 - muscle layer of dorsal pelvic urethra of female
62. EMAPA:31561 - ventral mesenchyme of pelvic urethra
63. EMAPA:31562 - nephrogenic zone GROUP
64. EMAPA:31563 - developing vasculature of urinary system GROUP
65. EMAPA:31564 - developing vasculature of reproductive system GROUP
66. EMAPA:31565 - nerve of pelvic urethra of male
67. EMAPA:31566 - cortical renal tubule of mature nephron GROUP
68. EMAPA:31567 - nerve of pelvic urethra of female
69. EMAPA:31568 - nerve of phallic urethra of male
70. EMAPA:31569 - nerves of urethra GROUP
71. EMAPA:31570 - cortical renal tubule of maturing nephron GROUP
72. EMAPA:31571 - cortical renal tubule of capillary loop nephron GROUP
73. EMAPA:31572 - dorsal mesenchyme of pelvic urethra
74. EMAPA:31573 - mesenchyme of pelvic urethra
75. EMAPA:31574 - mesenchymal layer of ventral pelvic urethra
76. EMAPA:31575 - mesenchymal layer of dorsal pelvic urethra
77. EMAPA:31576 - muscle layer of ventral pelvic urethra

- 78. EMAPA:31577 - muscle layer of dorsal pelvic urethra
- 79. EMAPA:31578 - developing vasculature of genitourinary system
- 80. EMAPA:31579 - developing vasculature of urinary system
- 81. EMAPA:31580 - developing vasculature of reproductive system
- 82. EMAPA:31581 - developing vasculature of genitourinary system GROUP
- 83. EMAPA:31582 - distal renal vesicle

DETAILS:

New Component 1			
ID	EMAPA:31500	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31500		

New Component 2			
ID	EMAPA:31501	Is Group Term	false
Name	mesenchyme of proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	JA0001023[proximal genital tubercle of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31501		

New Component 3			
ID	EMAPA:31502	Is Group Term	false
Name	surface epithelium of proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	JA0001023[proximal genital tubercle of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31502		

New Component 4			
ID	EMAPA:31503	Is Group Term	false
Name	developing vasculature of female genital tubercle		
Starts At	TS20	Ends At	TS23
Primary Parents	JFA:0001009[developing vasculature of reproductive system GROUP] EMAPA:18680[genital tubercle of female]		
Group Parents			

New Component 4			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31503		

New Component 5			
ID	EMAPA:31504	Is Group Term	false
Name	proximal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31504		

New Component 6			
ID	EMAPA:31505	Is Group Term	false
Name	urethral opening of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30467[urethral epithelium of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31505		

New Component 7			
ID	EMAPA:31506	Is Group Term	false
Name	proximal genital tubercle of female		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31506		

New Component 8			
ID	EMAPA:31507	Is Group Term	false
Name	distal urethral epithelium of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30467[urethral epithelium of male]		
Group Parents			
Synonyms	[]		

New Component 8			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31507		

New Component 9			
ID	EMAPA:31508	Is Group Term	false
Name	proximal urethral epithelium of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30467[urethral epithelium of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31508		

New Component 10			
ID	EMAPA:31509	Is Group Term	false
Name	epithelium of urogenital sinus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31509		

New Component 11			
ID	EMAPA:31510	Is Group Term	false
Name	developing vasculature of male genital tubercle		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17969[genital tubercle of male] JFA:0001009[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31510		

New Component 12			
ID	EMAPA:31511	Is Group Term	false
Name	early distal tubule of capillary loop nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	JFA:0001011[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28007[early distal tubule]		
Group Parents			
Synonyms	[anlage of distal tubule]		

New Component 12			
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31511		

New Component 13			
<i>ID</i>	EMAPA:31512	<i>Is Group Term</i>	false
<i>Name</i>	early proximal tubule of maturing nephron		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:28284[early proximal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31512		

New Component 14			
<i>ID</i>	EMAPA:31513	<i>Is Group Term</i>	false
<i>Name</i>	early distal tubule of maturing nephron		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:28007[early distal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31513		

New Component 15			
<i>ID</i>	EMAPA:31514	<i>Is Group Term</i>	false
<i>Name</i>	early distal tubule of maturing nephron		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:28390[early distal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31514		

New Component 16			
<i>ID</i>	EMAPA:31515	<i>Is Group Term</i>	false
<i>Name</i>	renal connecting tubule of capillary loop nephron		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	JFA:0001011[cortical renal tubule of capillary loop		

New Component 16			
	nephron GROUP] EMAPA:28011[renal connecting tubule]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31515		

New Component 17			
ID	EMAPA:31516	Is Group Term	false
Name	renal connecting tubule of maturing nephron		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28011[renal connecting tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31516		

New Component 18			
ID	EMAPA:31517	Is Group Term	false
Name	renal connecting tubule of mature nephron		
Starts At	TS25	Ends At	TS27
Primary Parents	JFA:0001013[cortical renal tubule of mature nephron GROUP] EMAPA:28011[renal connecting tubule]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31517		

New Component 19			
ID	EMAPA:31518	Is Group Term	false
Name	urethral epithelium		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[urethral plate, urethral seam]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31518		

New Component 20			
ID	EMAPA:31519	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS18	Ends At	TS18

New Component 20			
Primary Parents	EMAPA:17211[urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31519		

New Component 21			
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	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31520		

New Component 22			
ID	EMAPA:31521	Is Group Term	false
Name	early distal tubule of capillary loop nephron		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28390[early distal tubule] JFA:0001011[cortical renal tubule of capillary loop nephron GROUP]		
Group Parents			
Synonyms	[anlage of distal tubule]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31521		

New Component 23			
ID	EMAPA:31522	Is Group Term	false
Name	pelvic ganglion		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31522		

New Component 24			
ID	EMAPA:31523	Is Group Term	false
Name	nerve of pelvic urethra		
Starts At	TS22	Ends At	TS22

New Component 24			
Primary Parents	JFA:0001010[nerves of urethra GROUP] EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31523		

New Component 25			
ID	EMAPA:31524	Is Group Term	false
Name	nerve of phallic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30911[phallic urethra] JFA:0001010[nerves of urethra GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31524		

New Component 26			
ID	EMAPA:31525	Is Group Term	false
Name	mesenchymal layer of ventral primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30876[mesenchymal layer of primitive bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31525		

New Component 27			
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	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31526		

New Component 28			
ID	EMAPA:31527	Is Group Term	false
Name	pelvic ganglion		
Starts At	TS20	Ends At	TS21

New Component 28			
Primary Parents	JA0001036[nerves of urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31527		

New Component 29			
ID	EMAPA:31528	Is Group Term	false
Name	nerve of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	JA0001036[nerves of urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31528		

New Component 30			
ID	EMAPA:31529	Is Group Term	false
Name	mesenchymal layer of dorsal primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30876[mesenchymal layer of primitive bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31529		

New Component 31			
ID	EMAPA:31530	Is Group Term	false
Name	proximal urethral epithelium of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31530		

New Component 32			
ID	EMAPA:31531	Is Group Term	false
Name	urethral opening of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		

New Component 32			
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31531		

New Component 33			
ID	EMAPA:31532	Is Group Term	false
Name	developing vasculature of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	JFA:0001008[developing vasculature of urinary system GROUP] EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31532		

New Component 34			
ID	EMAPA:31533	Is Group Term	false
Name	nerves of urogenital sinus		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31533		

New Component 35			
ID	EMAPA:31534	Is Group Term	false
Name	mesenchyme of proximal genital tubercle of female		
Starts At	TS21	Ends At	TS22
Primary Parents	JA0001029[proximal genital tubercle of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31534		

New Component 36			
ID	EMAPA:31535	Is Group Term	false
Name	surface epithelium of proximal genital tubercle of female		
Starts At	TS21	Ends At	TS22
Primary Parents	JA0001029[proximal genital tubercle of female]		

New Component 36			
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31535		

New Component 37			
ID	EMAPA:31536	Is Group Term	false
Name	distal urethral epithelium of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:30470[urethral epithelium of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31536		

New Component 38			
ID	EMAPA:31537	Is Group Term	false
Name	developing vasculature of male mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male] JFA:0001009[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31537		

New Component 39			
ID	EMAPA:31538	Is Group Term	false
Name	developing vasculature of female mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	JFA:0001009[developing vasculature of reproductive system GROUP] EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31538		

New Component 40			
ID	EMAPA:31539	Is Group Term	false
Name	developing vasculature of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	JFA:0001008[developing vasculature of urinary		

New Component 40			
	system GROUP] EMAPA:30870[primitive bladder]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31539		

New Component 41			
ID	EMAPA:31540	Is Group Term	false
Name	renal connecting segment of renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31540		

New Component 42			
ID	EMAPA:31541	Is Group Term	false
Name	renal connecting segment of renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31541		

New Component 43			
ID	EMAPA:31542	Is Group Term	false
Name	early proximal tubule of maturing nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28003[early proximal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31542		

New Component 44			
ID	EMAPA:31543	Is Group Term	false
Name	early proximal tubule of capillary loop nephron		
Starts At	TS25	Ends At	TS27

New Component 44			
Primary Parents	JFA:0001011[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28284[early proximal tubule]		
Group Parents			
Synonyms	[anlage of proximal tubule]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31543		

New Component 45			
ID	EMAPA:31544	Is Group Term	false
Name	early proximal tubule of capillary loop nephron		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:28003[early proximal tubule] JFA:0001011[cortical renal tubule of capillary loop nephron GROUP]		
Group Parents			
Synonyms	[anlage of proximal tubule]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31544		

New Component 46			
ID	EMAPA:31545	Is Group Term	false
Name	renal connecting segment of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31545		

New Component 47			
ID	EMAPA:31546	Is Group Term	false
Name	renal connecting segment of comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27681[comma-shaped body]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31546		

New Component 48			
ID	EMAPA:31547	Is Group Term	false
Name	proximal renal vesicle		
Starts At	TS22	Ends At	TS27

New Component 48			
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31547		

New Component 49			
ID	EMAPA:31548	Is Group Term	false
Name	distal renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27829[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31548		

New Component 50			
ID	EMAPA:31549	Is Group Term	false
Name	proximal renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31549		

New Component 51			
ID	EMAPA:31550	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28703[mesenchymal layer of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31550		

New Component 52			
ID	EMAPA:31551	Is Group Term	false
Name	nerve of phallic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		

New Component 52			
	JFA:0001010[nerves of urethra GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31551		

New Component 53			
ID	EMAPA:31552	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28703[mesenchymal layer of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31552		

New Component 54			
ID	EMAPA:31553	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28765[mesenchymal layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31553		

New Component 55			
ID	EMAPA:31554	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28765[mesenchymal layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31554		

New Component 56			
ID	EMAPA:31555	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of male		

New Component 56			
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28709[muscle layer of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31555		

New Component 57			
ID	EMAPA:31556	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of male		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28709[muscle layer of pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31556		

New Component 58			
ID	EMAPA:31557	Is Group Term	false
Name	nerve of caudal urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30895[caudal urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31557		

New Component 59			
ID	EMAPA:31558	Is Group Term	false
Name	nerve of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30893[pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31558		

New Component 60			
ID	EMAPA:31559	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS25

New Component 60			
Primary Parents	EMAPA:28771[muscle layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31559		

New Component 61			
ID	EMAPA:31560	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28771[muscle layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31560		

New Component 62			
ID	EMAPA:31561	Is Group Term	false
Name	ventral mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	JFA:0001004[mesenchyme of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31561		

New Component 63			
ID	EMAPA:31562	Is Group Term	true
Name	nephrogenic zone GROUP		
Starts At	TS20	Ends At	TS21
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31562		
	3. New Group Component - Common Ancestor is EMAPA:17373[metanephros]		

New Component 64			
ID	EMAPA:31563	Is Group Term	true
Name	developing vasculature of urinary system GROUP		

New Component 64			
Starts At	TS20	Ends At	TS28
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31563		
	3. New Group Component - Common Ancestor is EMAPA:17366[urinary system]		

New Component 65			
ID	EMAPA:31564	Is Group Term	true
Name	developing vasculature of reproductive system GROUP		
Starts At	TS20	Ends At	TS27
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:17381[reproductive system]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31564		
	3. New Group Component - Common Ancestor is EMAPA:17381[reproductive system]		

New Component 66			
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] JFA:0001010[nerves of urethra GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31565		

New Component 67			
ID	EMAPA:31566	Is Group Term	true
Name	cortical renal tubule of mature nephron GROUP		
Starts At	TS25	Ends At	TS28
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:18976[cortical renal tubule]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31566		
	3. New Group Component - Common Ancestor is EMAPA:18976[cortical renal tubule]		

New Component 68			
<i>ID</i>	EMAPA:31567	<i>Is Group Term</i>	false
<i>Name</i>	nerve of pelvic urethra of female		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS28
<i>Primary Parents</i>	JFA:0001010[nerves of urethra GROUP] EMAPA:28753[pelvic urethra of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31567		

New Component 69			
<i>ID</i>	EMAPA:31568	<i>Is Group Term</i>	false
<i>Name</i>	nerve of phallic urethra of male		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS27
<i>Primary Parents</i>	JFA:0001010[nerves of urethra GROUP] EMAPA:17956[phallic urethra of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31568		

New Component 70			
<i>ID</i>	EMAPA:31569	<i>Is Group Term</i>	true
<i>Name</i>	nerves of urethra GROUP		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS28
<i>Primary Parents</i>	Tmp_new_group[Tmp new group]		
<i>Group Parents</i>	EMAPA:17366[urinary system]		
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31569		
	3. New Group Component - Common Ancestor is EMAPA:17366[urinary system]		

New Component 71			
<i>ID</i>	EMAPA:31570	<i>Is Group Term</i>	true
<i>Name</i>	cortical renal tubule of maturing nephron GROUP		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	Tmp_new_group[Tmp new group]		
<i>Group Parents</i>	EMAPA:18976[cortical renal tubule]		
<i>Synonyms</i>	[]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	NEW
<i>Comments</i>	1.		
	2. New EMAPA:ID generated: EMAPA:31570		
	3. New Group Component - Common Ancestor is		

New Component 71			
		EMAPA:18976[cortical renal tubule]	

New Component 72			
ID	EMAPA:31571	Is Group Term	true
Name	cortical renal tubule of capillary loop nephron GROUP		
Starts At	TS22	Ends At	TS27
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:18976[cortical renal tubule]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31571		
	3. New Group Component - Common Ancestor is EMAPA:18976[cortical renal tubule]		

New Component 73			
ID	EMAPA:31572	Is Group Term	false
Name	dorsal mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	JFA:0001004[mesenchyme of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31572		

New Component 74			
ID	EMAPA:31573	Is Group Term	false
Name	mesenchyme of pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30893[pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31573		

New Component 75			
ID	EMAPA:31574	Is Group Term	false
Name	mesenchymal layer of ventral pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30907[mesenchymal layer of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW

New Component 75	
Comments	1.
	2. New EMAPA:ID generated: EMAPA:31574

New Component 76			
ID	EMAPA:31575	Is Group Term	false
Name	mesenchymal layer of dorsal pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30907[mesenchymal layer of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31575		

New Component 77			
ID	EMAPA:31576	Is Group Term	false
Name	muscle layer of ventral pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30909[muscle layer of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31576		

New Component 78			
ID	EMAPA:31577	Is Group Term	false
Name	muscle layer of dorsal pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30909[muscle layer of pelvic urethra]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31577		

New Component 79			
ID	EMAPA:31578	Is Group Term	false
Name	developing vasculature of genitourinary system		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		

New Component 79			
	2. New EMAPA:ID generated: EMAPA:31578		

New Component 80			
ID	EMAPA:31579	Is Group Term	false
Name	developing vasculature of urinary system		
Starts At	TS19	Ends At	TS19
Primary Parents	ID:0000003[developing vasculature of genitourinary system GROUP] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31579		

New Component 81			
ID	EMAPA:31580	Is Group Term	false
Name	developing vasculature of reproductive system		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17381[reproductive system] ID:0000003[developing vasculature of genitourinary system GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31580		

New Component 82			
ID	EMAPA:31581	Is Group Term	true
Name	developing vasculature of genitourinary system GROUP		
Starts At	TS19	Ends At	TS19
Primary Parents	Tmp_new_group[Tmp new group]		
Group Parents	EMAPA:16245[visceral organ]		
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31581		
	3. New Group Component - Common Ancestor is EMAPA:16245[visceral organ]		

New Component 83			
ID	EMAPA:31582	Is Group Term	false
Name	distal renal vesicle		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[]		

New Component 83			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31582		

MODIFIED COMPONENTS

Total Modified Components: 797

1. EMAPA:30627 - scrotal fold surface epithelium of male
2. EMAPA:29907 - epithelial layer of rest of oviduct
3. EMAPA:30624 - scrotal fold mesenchyme of male
4. EMAPA:16368 - nephric cord
5. EMAPA:16369 - presumptive nephric duct
6. EMAPA:29905 - rest of oviduct
7. EMAPA:29903 - serosa of infundibulum
8. EMAPA:29122 - coelomic vessel
9. EMAPA:30636 - prepuce mesenchyme of male
10. EMAPA:30638 - prepuce surface epithelium of male
11. EMAPA:30632 - glans surface epithelium of male
12. EMAPA:30634 - prepuce of male
13. EMAPA:30630 - glans mesenchyme of male
14. EMAPA:29138 - mesonephros of male
15. EMAPA:28003 - early proximal tubule
16. EMAPA:29130 - interstitial vessel
17. EMAPA:27678 - renal vesicle
18. EMAPA:29929 - epithelial layer of cervix uteri
19. EMAPA:29927 - cervix uteri
20. EMAPA:29925 - adventitia
21. EMAPA:29923 - myometrium
22. EMAPA:31296 - resident macrophages of the cortex
23. EMAPA:29921 - rest of endometrium
24. EMAPA:27684 - upper limb of comma-shaped body
25. EMAPA:27681 - comma-shaped body
26. EMAPA:29917 - endometrium
27. EMAPA:29919 - uterine gland
28. EMAPA:27687 - lower limb of comma-shaped body
29. EMAPA:29913 - serosa of rest of oviduct
30. EMAPA:29915 - uterus
31. EMAPA:29106 - Sertoli cell
32. EMAPA:29114 - developing vasculature of the testis
33. EMAPA:16367 - genitourinary system
34. EMAPA:29110 - peritubular myoid cell
35. EMAPA:27697 - ureteric trunk
36. EMAPA:27694 - ureteric tip
37. EMAPA:27690 - renal interstitium
38. EMAPA:30664 - mesenchyme of crus penis
39. EMAPA:29945 - adventitia of upper part of vagina
40. EMAPA:31276 - rest of renal interstitium
41. EMAPA:31273 - resident macrophages
42. EMAPA:29943 - rest of epithelial layer of upper vagina
43. EMAPA:31279 - renal fibroblasts
44. EMAPA:30668 - surface epithelium of crus penis
45. EMAPA:29161 - degenerating mesonephric portion of male paramesonephric duct
46. EMAPA:29167 - genital tubercle mesenchyme of male
47. EMAPA:31281 - anlage of loop of Henle
48. EMAPA:29931 - muscle layer of cervix uteri
49. EMAPA:30675 - outer layer of uterine horn
50. EMAPA:29933 - adventitia of cervix uteri
51. EMAPA:31288 - renal cortical fibroblasts
52. EMAPA:29935 - gland of lower vaginal epithelium
53. EMAPA:29937 - rest of epithelial layer of lower vagina
54. EMAPA:29939 - adventitia of lower part of vagina
55. EMAPA:29170 - genital tubercle surface epithelium of male
56. EMAPA:29173 - nephric duct of male, rest of
57. EMAPA:29177 - mesenchyme of rest of nephric duct of male
58. EMAPA:29941 - gland of upper vaginal epithelium
59. EMAPA:30642 - mesenchyme of glans penis
60. EMAPA:30640 - preputial gland
61. EMAPA:29964 - endothelial layer of renal vein
62. EMAPA:30646 - surface epithelium of glans penis
63. EMAPA:29148 - mesonephric tubule of male
64. EMAPA:31260 - theca of atretic follicle
65. EMAPA:29143 - mesonephric mesenchyme of male
66. EMAPA:31266 - longitudinal muscle layer of infundibulum
67. EMAPA:31268 - circular muscle layer of infundibulum
68. EMAPA:31262 - granulosa of ruptured follicle
69. EMAPA:30650 - prepuce mesenchyme of male
70. EMAPA:31264 - muscle layer of infundibulum
71. EMAPA:30655 - prepuce surface epithelium of male
72. EMAPA:30659 - preputial gland of male
73. EMAPA:31270 - nephrogenic interstitium
74. EMAPA:29158 - paramesonephric duct of male, mesonephric portion
75. EMAPA:28077 - pelvic urothelial lining
76. EMAPA:28075 - capillary
77. EMAPA:28862 - proximal straight tubule
78. EMAPA:28073 - venous
79. EMAPA:28071 - arterial
80. EMAPA:28856 - mesenchymal layer of phallic urethra of male

81. EMAPA:28853 - epithelial layer of phallic urethra of male
82. EMAPA:28859 - muscle layer of phallic urethra of male
83. EMAPA:28089 - urothelium
84. EMAPA:28850 - interstitium
85. EMAPA:28083 - perihilar interstitium
86. EMAPA:28844 - ureteral smooth muscle layer
87. EMAPA:28847 - smooth muscle component
88. EMAPA:28880 - mesenchymal stroma of ovary
89. EMAPA:28069 - developing vasculature of medulla
90. EMAPA:28061 - medullary collecting duct
91. EMAPA:30699 - prepuce of female
92. EMAPA:28037 - venous
93. EMAPA:28035 - arterial
94. EMAPA:28811 - ureteral smooth muscle layer
95. EMAPA:28029 - developing vasculature of cortex
96. EMAPA:28814 - smooth muscle component
97. EMAPA:28049 - immature loop of Henle
98. EMAPA:28039 - capillary
99. EMAPA:28801 - intermediate cell layer
100. EMAPA:28806 - basal cell layer
101. EMAPA:28841 - lamina propria
102. EMAPA:28011 - renal connecting tubule
103. EMAPA:28836 - adventitia of trigone
104. EMAPA:28831 - adventitia of fundus
105. EMAPA:28007 - early distal tubule
106. EMAPA:28826 - adventitia of bladder
107. EMAPA:28888 - developing vasculature of ovary
108. EMAPA:29098 - primary sex cord
109. EMAPA:27625 - ureteric tip
110. EMAPA:27627 - ureteric stalk
111. EMAPA:27621 - cap mesenchyme
112. EMAPA:27623 - peripheral blastema
113. EMAPA:31367 - resident macrophage of the perihilar interstitium
114. EMAPA:31361 - perihilar fibroblast
115. EMAPA:29976 - endothelial layer of renal artery
116. EMAPA:29993 - ureteral mesenchyme, rest of
117. EMAPA:29995 - endothelium of renal artery
118. EMAPA:29990 - metanephric mesenchyme
119. EMAPA:27617 - rostral
120. EMAPA:27615 - parametanephric mesenchyme
121. EMAPA:31354 - renal medullary nerves
122. EMAPA:27619 - caudal
123. EMAPA:31347 - renal medullary lymphatics
124. EMAPA:27602 - nephric duct, pronephric portion
125. EMAPA:27605 - ureteric tip
126. EMAPA:27608 - ureteric trunk
127. EMAPA:31340 - rest of renal medullary interstitium
128. EMAPA:29065 - primary oocyte of primary follicle
129. EMAPA:29067 - follicle cell of primary follicle
130. EMAPA:29061 - muscular layer of lower part of vagina
131. EMAPA:31333 - resident macrophages of the medulla
132. EMAPA:27673 - pretubular aggregate
133. EMAPA:27671 - nephrogenic interstitium
134. EMAPA:27665 - paramesonephric duct
135. EMAPA:31326 - renal medullary fibroblasts
136. EMAPA:27663 - nephric duct, mesonephric portion
137. EMAPA:27661 - mesonephric mesenchyme
138. EMAPA:31312 - renal cortical lymphatics
139. EMAPA:31319 - renal cortical nerves
140. EMAPA:27659 - mesonephric tubule
141. EMAPA:27657 - posterior gonadal mesenchyme
142. EMAPA:27655 - central gonadal mesenchyme
143. EMAPA:27653 - anterior gonadal mesenchyme
144. EMAPA:27644 - mesonephros
145. EMAPA:31304 - rest of renal cortical interstitium
146. EMAPA:27642 - associated mesenchyme
147. EMAPA:27640 - cloacal epithelium
148. EMAPA:27638 - cloaca
149. EMAPA:29806 - rest of interstitium of anterior prostate
150. EMAPA:29804 - smooth muscle of anterior prostate
151. EMAPA:29802 - anterior prostatic interstitium
152. EMAPA:29800 - ductal epithelium of anterior prostate
153. EMAPA:30720 - surface epithelium of glans clitoris
154. EMAPA:30725 - mesenchyme of crus of clitoris
155. EMAPA:29808 - dorsal prostate gland
156. EMAPA:30730 - surface epithelium of crus of clitoris
157. EMAPA:30749 - outer layer of epididymis
158. EMAPA:30747 - muscle layer of epididymis
159. EMAPA:30745 - surface epithelium of epididymis
160. EMAPA:30751 - outer layer of ductus deferens
161. EMAPA:29009 - cortical component of mesenchymal stroma
162. EMAPA:30757 - oocyte of primordial follicle
163. EMAPA:30755 - primordial follicle
164. EMAPA:29014 - medullary component of mesenchymal stroma

165. EMAPA:30767 - follicle cell of tertiary follicle
166. EMAPA:30765 - oocyte of tertiary follicle
167. EMAPA:30769 - theca of tertiary follicle
168. EMAPA:31379 - premacula segment of distal straight tubule
169. EMAPA:29848 - rest of interstitium of ventral prostate
170. EMAPA:30763 - tertiary follicle
171. EMAPA:29846 - smooth muscle of ventral prostate
172. EMAPA:29844 - ventral prostatic interstitium
173. EMAPA:31373 - rest of perihilar interstitium
174. EMAPA:29852 - epithelial layer of crus penis
175. EMAPA:29850 - corpus spongiosum
176. EMAPA:30775 - mural of tertiary follicle
177. EMAPA:30777 - Graafian follicle
178. EMAPA:30779 - primary oocyte of mature follicle
179. EMAPA:29836 - ventral prostate gland
180. EMAPA:31389 - resident macrophage of the outer medulla
181. EMAPA:29838 - ventral prostatic epithelium
182. EMAPA:31384 - outer medullary fibroblast
183. EMAPA:30771 - antrum of tertiary follicle
184. EMAPA:29832 - smooth muscle of lateral prostate
185. EMAPA:30773 - cumulus of tertiary follicle
186. EMAPA:29834 - rest of interstitium of lateral prostate
187. EMAPA:29840 - glandular epithelium of ventral prostate
188. EMAPA:29842 - ductal epithelium of ventral prostate
189. EMAPA:29034 - muscular layer
190. EMAPA:29030 - epithelium
191. EMAPA:30789 - antrum of mature follicle
192. EMAPA:30787 - theca of mature follicle
193. EMAPA:30785 - mural of mature follicle
194. EMAPA:29824 - lateral prostatic epithelium
195. EMAPA:31394 - rest of outer medullary interstitium
196. EMAPA:30783 - cumulus of mature follicle
197. EMAPA:29822 - lateral prostate gland
198. EMAPA:30781 - germinal cell of mature follicle
199. EMAPA:29828 - ductal epithelium of lateral prostate
200. EMAPA:29826 - glandular epithelium of lateral prostate
201. EMAPA:31399 - inner medullary fibroblast
202. EMAPA:29046 - muscle layer of oviduct
203. EMAPA:29043 - epithelial layer of oviduct
204. EMAPA:29830 - lateral prostatic interstitium
205. EMAPA:29049 - outer layer of oviduct
206. EMAPA:29818 - smooth muscle of dorsal prostate
207. EMAPA:30797 - vasculature of seminal vesicle
208. EMAPA:30799 - vasculature of ejaculatory duct
209. EMAPA:30793 - vasculature of ductus deferens
210. EMAPA:29810 - dorsal prostatic epithelium
211. EMAPA:30795 - vasculature of epididymis
212. EMAPA:29812 - glandular epithelium of dorsal prostate
213. EMAPA:29814 - ductal epithelium of dorsal prostate
214. EMAPA:30791 - vasculature of scrotum
215. EMAPA:29816 - dorsal prostatic interstitium
216. EMAPA:29055 - muscular layer of upper part of vagina
217. EMAPA:29058 - epithelial layer of lower part of vagina
218. EMAPA:29820 - rest of interstitium of dorsal prostate
219. EMAPA:29052 - epithelial layer of upper part of vagina
220. EMAPA:28759 - epithelial layer of pelvic urethra of female
221. EMAPA:28753 - pelvic urethra of female
222. EMAPA:28747 - urethra of female
223. EMAPA:28709 - muscle layer of pelvic urethra of male
224. EMAPA:28703 - mesenchymal layer of pelvic urethra of male
225. EMAPA:18331 - mediastinum testis
226. EMAPA:18332 - rete testis
227. EMAPA:18326 - renal medullary interstitium
228. EMAPA:18329 - labial swelling
229. EMAPA:18328 - Mllerian tubercle
230. EMAPA:31409 - rest of inner medullary interstitium
231. EMAPA:31404 - resident macrophage of the inner medulla
232. EMAPA:27708 - epithelial layer of ureter
233. EMAPA:28765 - mesenchymal layer of pelvic urethra of female
234. EMAPA:28771 - muscle layer of pelvic urethra of female
235. EMAPA:19089 - gubernaculum
236. EMAPA:19088 - ejaculatory duct
237. EMAPA:19085 - suspensory ligament of ovary
238. EMAPA:19087 - appendix testis
239. EMAPA:19086 - appendix epididymis
240. EMAPA:29882 - theca of ruptured follicle
241. EMAPA:29880 - ruptured follicle
242. EMAPA:29886 - corpus luteum
243. EMAPA:29884 - germinal cell of ruptured follicle
244. EMAPA:29878 - apoptotic germinal cell
245. EMAPA:29876 - oocyte of atretic follicle
246. EMAPA:27721 - nephrogenic zone
247. EMAPA:31469 - small blood vessels
248. EMAPA:29897 - infundibulum

249. EMAPA:31450 - renal venous system
250. EMAPA:29888 - corpus albicans
251. EMAPA:27711 - ureteral mesenchyme
252. EMAPA:29864 - oocyte of secondary follicle
253. EMAPA:29862 - secondary follicle
254. EMAPA:29860 - rest of glans penis
255. EMAPA:31488 - spermatozoan
256. EMAPA:29858 - epithelial layer of glans penis
257. EMAPA:31486 - spermatid
258. EMAPA:29856 - corpus spongiosum
259. EMAPA:31484 - spermatocyte
260. EMAPA:29854 - rest of crus penis
261. EMAPA:31482 - spermatogonium
262. EMAPA:27749 - ureteric tip
263. EMAPA:27742 - pretubular aggregate
264. EMAPA:29872 - theca of secondary follicle
265. EMAPA:31480 - peritubular myoid cell
266. EMAPA:29874 - atretic follicle
267. EMAPA:29870 - mural
268. EMAPA:31476 - Seminiferous tubule
269. EMAPA:31478 - Sertoli cell
270. EMAPA:29866 - follicle cell of secondary follicle
271. EMAPA:29868 - cumulus
272. EMAPA:27735 - cap mesenchyme
273. EMAPA:27770 - capillary loop renal corpuscle
274. EMAPA:27772 - visceral epithelium
275. EMAPA:27774 - parietal epithelium
276. EMAPA:31426 - periarterial fibroblasts of cortex
277. EMAPA:27764 - proximal segment of s-shaped body
278. EMAPA:31424 - peritubular fibroblasts of cortex
279. EMAPA:27766 - visceral epithelium
280. EMAPA:27768 - parietal epithelium
281. EMAPA:31428 - peritubular fibroblasts of outer medulla
282. EMAPA:27762 - medial segment of s-shaped body
283. EMAPA:27760 - distal segment of s-shaped body
284. EMAPA:27756 - s-shaped body
285. EMAPA:31414 - medullary renal tubule
286. EMAPA:31418 - rest of medullary renal tubule
287. EMAPA:27758 - renal connecting tubule of s-shaped body
288. EMAPA:27794 - developing vasculature of metanephros
289. EMAPA:27790 - renal connecting tubule
290. EMAPA:30711 - preputial gland of female
291. EMAPA:30715 - mesenchyme of glans clitoris
292. EMAPA:27786 - anlage of the loop of Henle
293. EMAPA:27788 - early distal tubule
294. EMAPA:31443 - renal capillaries
295. EMAPA:29899 - epithelial layer of infundibulum
296. EMAPA:27784 - early proximal tubule
297. EMAPA:30707 - prepuce surface epithelium of female
298. EMAPA:27782 - renal tubule
299. EMAPA:27780 - presumptive endothelium of renal corpuscle
300. EMAPA:18323 - urachus
301. EMAPA:30703 - prepuce mesenchyme of female
302. EMAPA:27778 - presumptive mesangium
303. EMAPA:31436 - renal arterial system
304. EMAPA:27776 - associated interstitium
305. EMAPA:18321 - bladder
306. EMAPA:31432 - peritubular fibroblasts of inner medulla
307. EMAPA:31434 - periarterial fibroblasts of inner medulla
308. EMAPA:31430 - periarterial fibroblasts of outer medulla
309. EMAPA:30429 - surface epithelium of labioscrotal swelling of female
310. EMAPA:30426 - mesenchyme of labioscrotal swelling of female
311. EMAPA:30423 - labioscrotal swelling of female
312. EMAPA:16103 - organ system
313. EMAPA:30433 - mesenchymal layer of labial swelling
314. EMAPA:30438 - surface epithelium of labial swelling
315. EMAPA:29316 - scrotal fold
316. EMAPA:29321 - glandular tissue of seminal vesicle
317. EMAPA:30484 - distal genital tubercle of female
318. EMAPA:30487 - mesenchyme of distal genital tubercle of female
319. EMAPA:30490 - surface epithelium of distal genital tubercle of female
320. EMAPA:30493 - mesenchyme of female preputial swelling
321. EMAPA:30499 - preputial gland of female
322. EMAPA:29307 - inguinal ring
323. EMAPA:30496 - surface epithelium of female preputial swelling
324. EMAPA:29304 - cystic vesicular appendage
325. EMAPA:29313 - internal inguinal ring
326. EMAPA:29310 - external inguinal ring
327. EMAPA:28619 - muscularis mucosa of bladder
328. EMAPA:30467 - urethral epithelium of male
329. EMAPA:28613 - epithelium of trigone
330. EMAPA:30460 - coelomic epithelium of male mesonephros
331. EMAPA:30478 - preputial swelling of female
332. EMAPA:28601 - epithelium of bladder

333. EMAPA:30470 - urethral epithelium of female
334. EMAPA:28607 - epithelium of fundus
335. EMAPA:30445 - epithelium of epididymis
336. EMAPA:30447 - muscle layer of epididymis
337. EMAPA:30449 - juxtaglomerular complex
338. EMAPA:28637 - detrusor muscle of bladder
339. EMAPA:30443 - adventitia of epididymis
340. EMAPA:28643 - detrusor muscle of fundus
341. EMAPA:17646 - primitive collecting duct
342. EMAPA:28625 - muscularis mucosa of fundus
343. EMAPA:17645 - cap mesenchyme
344. EMAPA:28631 - muscularis mucosa of trigone
345. EMAPA:28649 - detrusor muscle of trigone
346. EMAPA:27829 - renal vesicle
347. EMAPA:28661 - serosa of bladder
348. EMAPA:28673 - serosa of trigone
349. EMAPA:28667 - serosa of fundus
350. EMAPA:28679 - blood vessels of bladder
351. EMAPA:28697 - epithelial layer of pelvic urethra of male
352. EMAPA:18692 - urethra of male
353. EMAPA:18693 - urethral fold of male
354. EMAPA:18677 - major
355. EMAPA:18676 - calyx
356. EMAPA:18680 - genital tubercle of female
357. EMAPA:18686 - germ cell of testis
358. EMAPA:18685 - seminiferous cord
359. EMAPA:18687 - interstitium of the testis
360. EMAPA:18682 - penis
361. EMAPA:18681 - ductus deferens
362. EMAPA:18678 - minor
363. EMAPA:18679 - renal capsule
364. EMAPA:27895 - visceral epithelium
365. EMAPA:27877 - medial segment of s-shaped body
366. EMAPA:27883 - proximal segment of s-shaped body
367. EMAPA:27865 - renal connecting tubule of s-shaped body
368. EMAPA:27871 - distal segment of s-shaped body
369. EMAPA:27853 - s-shaped body
370. EMAPA:27841 - upper limb of comma-shaped body
371. EMAPA:27847 - lower limb of comma-shaped body
372. EMAPA:27835 - comma-shaped body
373. EMAPA:30522 - tunica albuginea of ovary
374. EMAPA:30528 - cranial mesonephric tubule of male
375. EMAPA:29274 - epithelium of ductus deferens
376. EMAPA:29270 - muscle layer of ductus deferens
377. EMAPA:30536 - rest of cranial mesonephric tubule of male
378. EMAPA:30532 - mesonephric glomerulus of male
379. EMAPA:29288 - glans penis
380. EMAPA:29286 - rest of the seminal vesicle
381. EMAPA:29282 - duct of the seminal vesicle
382. EMAPA:30547 - mesonephric glomerulus of female
383. EMAPA:30544 - cranial mesonephric tubule of female
384. EMAPA:30540 - caudal mesonephric tubule of male
385. EMAPA:30556 - cranial mesonephric tubule of male
386. EMAPA:30558 - rest of cranial mesonephric tubule
387. EMAPA:30553 - caudal mesonephric tubule of female
388. EMAPA:30550 - rest of cranial mesonephric tubule of female
389. EMAPA:29226 - mesenchyme of male preputial swelling
390. EMAPA:29223 - surface epithelium of male preputial swelling
391. EMAPA:29220 - preputial swelling of male
392. EMAPA:16245 - visceral organ
393. EMAPA:30509 - labioscrotal swelling of male
394. EMAPA:29244 - peritubular myoid cell
395. EMAPA:30502 - preputial gland of male
396. EMAPA:29252 - glans of male genital tubercle
397. EMAPA:29254 - mesenchyme of glans of male genital tubercle
398. EMAPA:29256 - surface epithelium of glans of male genital tubercle
399. EMAPA:30515 - surface epithelium of labioscrotal swelling of male
400. EMAPA:30512 - mesenchyme of labioscrotal swelling of male
401. EMAPA:29202 - mesenchyme of degenerating rest of paramesonephric duct of male
402. EMAPA:29207 - mesenchyme of distal genital tubercle of male
403. EMAPA:29205 - distal genital tubercle of male
404. EMAPA:29209 - surface epithelium of distal genital tubercle of male
405. EMAPA:28518 - renal interstitium group
406. EMAPA:30560 - mesonephric glomerulus of male
407. EMAPA:30562 - cranial mesonephric tubule
408. EMAPA:30565 - rest of cranial mesonephric tubule
409. EMAPA:30568 - mesonephric glomerulus
410. EMAPA:30571 - caudal mesonephric tubule
411. EMAPA:28506 - developing capillary loop stage nephron GROUP
412. EMAPA:30576 - cranial mesonephric tubule
413. EMAPA:30574 - caudal mesonephric tubule
414. EMAPA:30578 - rest of cranial mesonephric tubule
415. EMAPA:30580 - mesonephric glomerulus
416. EMAPA:28500 - early tubule

417. EMAPA:28555 - urethral plate
418. EMAPA:27925 - associated interstitium of renal corpuscle
419. EMAPA:28547 - allantois
420. EMAPA:28561 - subepithelial layer
421. EMAPA:27913 - visceral epithelium
422. EMAPA:27919 - parietal epithelium
423. EMAPA:28533 - male associated reproductive structure
424. EMAPA:27943 - maturing renal corpuscle
425. EMAPA:28527 - late tubule
426. EMAPA:27949 - maturing glomerular tuft
427. EMAPA:28540 - female associated reproductive structure
428. EMAPA:27931 - presumptive mesangium
429. EMAPA:27937 - presumptive endothelium of renal corpuscle
430. EMAPA:28570 - outer layer
431. EMAPA:27907 - capillary loop renal corpuscle
432. EMAPA:28567 - middle layer
433. EMAPA:27901 - parietal epithelium
434. EMAPA:28588 - superficial cellular layer
435. EMAPA:27967 - visceral epithelium
436. EMAPA:29196 - degenerating rest of paramesonephric duct of male
437. EMAPA:29199 - epithelium of degenerating rest of paramesonephric duct of male
438. EMAPA:27955 - glomerular capillary system of maturing glomerular tuft
439. EMAPA:29181 - epithelium of rest of nephric duct of male
440. EMAPA:27961 - glomerular mesangium
441. EMAPA:29185 - paramesonephric duct of male, rest of
442. EMAPA:29187 - epithelium of rest of paramesonephric duct of male
443. EMAPA:29189 - mesenchyme of rest of paramesonephric duct of male
444. EMAPA:27985 - urinary space of renal corpuscle
445. EMAPA:27991 - juxtaglomerular arteriole
446. EMAPA:27979 - parietal epithelium
447. EMAPA:27973 - Bowman's capsule
448. EMAPA:16745 - associated mesenchyme
449. EMAPA:16744 - mesonephros
450. EMAPA:16747 - tubule
451. EMAPA:16746 - non-tubular part
452. EMAPA:31003 - adventita of vagina
453. EMAPA:28491 - mature nephron
454. EMAPA:28494 - ureteric trunk
455. EMAPA:28485 - maturing nephron
456. EMAPA:28477 - primitive collecting duct group
457. EMAPA:28457 - renal vasculature
458. EMAPA:28445 - stage IV immature nephron
459. EMAPA:28425 - nephric duct group
460. EMAPA:28429 - nephric duct group
461. EMAPA:28407 - collecting duct
462. EMAPA:28402 - postmacula segment
463. EMAPA:28405 - ureteric trunk
464. EMAPA:28387 - renal distal tubule
465. EMAPA:28376 - renal vein
466. EMAPA:28373 - renal artery
467. EMAPA:28370 - inner medullary collecting duct
468. EMAPA:16858 - gonadal mesenchyme
469. EMAPA:16859 - primordial germ cells
470. EMAPA:16857 - gonad
471. EMAPA:28396 - distal straight tubule
472. EMAPA:28399 - macula densa
473. EMAPA:28393 - distal convoluted tubule
474. EMAPA:28390 - early distal tubule
475. EMAPA:28337 - outer medullary interstitium
476. EMAPA:28346 - outer medullary collecting duct
477. EMAPA:17948 - pelvis
478. EMAPA:28325 - thin ascending limb
479. EMAPA:28328 - thin ascending limb
480. EMAPA:17950 - ureter
481. EMAPA:28331 - premacula segment of distal straight tubule
482. EMAPA:28358 - bend
483. EMAPA:28364 - inner medullary interstitium
484. EMAPA:28361 - thin ascending limb
485. EMAPA:28349 - inner medulla
486. EMAPA:28352 - loop of Henle, inner medullary portion
487. EMAPA:28355 - thin descending limb
488. EMAPA:17975 - germ cell of the testis
489. EMAPA:17953 - nephrogenic interstitium
490. EMAPA:17952 - renal cortex
491. EMAPA:17954 - early nephron GROUP
492. EMAPA:17956 - phallic urethra of male
493. EMAPA:17959 - female reproductive system
494. EMAPA:17961 - mesovarium
495. EMAPA:28322 - loop of Henle, outer medullary portion
496. EMAPA:17962 - ovary
497. EMAPA:17966 - rete ovarii of ovary
498. EMAPA:17965 - germ cell of ovary
499. EMAPA:17963 - surface epithelium of ovary
500. EMAPA:17969 - genital tubercle of male

501. EMAPA:17968 - male reproductive system
502. EMAPA:28310 - outer medulla
503. EMAPA:17972 - testis
504. EMAPA:17973 - coelomic epithelium of testis
505. EMAPA:17970 - nephric duct of male, mesonephric portion
506. EMAPA:17971 - mesorchium
507. EMAPA:30037 - renal cortical capillary
508. EMAPA:31235 - developing vasculature system of epididymis
509. EMAPA:30031 - glomerular mesangium of Bowman's capsule
510. EMAPA:30801 - vasculature of bulbourethral gland
511. EMAPA:30809 - vasculature of oviduct
512. EMAPA:30807 - vasculature of penis
513. EMAPA:28281 - renal proximal tubule
514. EMAPA:30805 - vasculature of prostate gland
515. EMAPA:28284 - early proximal tubule
516. EMAPA:28287 - renal proximal convoluted tubule
517. EMAPA:31240 - surface epithelium of testis
518. EMAPA:31247 - follicle cell of primordial follicle
519. EMAPA:30813 - vasculature of vagina
520. EMAPA:30811 - vasculature of uterus
521. EMAPA:28272 - rest of afferent arteriole
522. EMAPA:30819 - clitoris
523. EMAPA:28275 - efferent arteriole
524. EMAPA:31250 - cremaster muscle
525. EMAPA:28278 - extraglomerular mesangium
526. EMAPA:31214 - developing vasculature of oviduct
527. EMAPA:30011 - endothelium of renal vein
528. EMAPA:17209 - ureteric bud
529. EMAPA:17208 - metanephric mesenchyme
530. EMAPA:17207 - metanephros
531. EMAPA:29788 - rest of ejaculatory duct
532. EMAPA:30821 - crus of clitoris
533. EMAPA:30019 - smooth muscle layer of renal vein
534. EMAPA:31219 - developing vasculature of upper part of vagina
535. EMAPA:30825 - epithelial layer of crus of clitoris
536. EMAPA:30823 - os clitoris
537. EMAPA:29790 - epithelial component of bulbourethral gland
538. EMAPA:30829 - glans clitoris
539. EMAPA:28260 - parietal epithelium
540. EMAPA:30827 - mesenchymal layer of crus of clitoris
541. EMAPA:29798 - glandular epithelium of anterior prostate
542. EMAPA:28266 - afferent arteriole
543. EMAPA:29796 - anterior prostatic epithelium
544. EMAPA:17211 - urogenital sinus
545. EMAPA:28269 - part of afferent arteriole forming the juxtaglomerular complex
546. EMAPA:17212 - urorectal septum
547. EMAPA:29794 - anterior prostate gland
548. EMAPA:28263 - urinary space of renal corpuscle
549. EMAPA:17210 - urogenital membrane
550. EMAPA:29792 - interstitium of bulbourethral gland
551. EMAPA:31224 - developing vasculature of lower part of vagina
552. EMAPA:30003 - smooth muscle layer of renal artery
553. EMAPA:28248 - glomerular mesangium
554. EMAPA:30831 - surface epithelium of glans clitoris
555. EMAPA:30833 - mesenchymal layer of glans clitoris
556. EMAPA:30835 - vasculature of clitoris
557. EMAPA:31229 - developing vasculature of vagina
558. EMAPA:30837 - labia
559. EMAPA:30839 - epithelial layer of labia
560. EMAPA:28257 - Bowman's capsule
561. EMAPA:29786 - epithelial layer of ejaculatory duct
562. EMAPA:28254 - visceral epithelium
563. EMAPA:28251 - glomerular basement membrane
564. EMAPA:29769 - os penis
565. EMAPA:29767 - adventitia of ductus deferens
566. EMAPA:29771 - epithelium of seminal vesicle
567. EMAPA:29775 - adventitia of seminal vesicle
568. EMAPA:29773 - muscle layer of seminal vesicle
569. EMAPA:31204 - developing vasculature of caput epididymis
570. EMAPA:31209 - developing vasculature of uterine horn
571. EMAPA:29755 - epithelium of corpus epididymis
572. EMAPA:29757 - muscle layer of corpus of epididymis
573. EMAPA:29759 - adventitia of corpus of epididymis
574. EMAPA:29761 - epithelium of caput of epididymis
575. EMAPA:29763 - muscle layer of caput of epididymis
576. EMAPA:29765 - adventitia of caput of epididymis
577. EMAPA:29749 - rest of efferent duct
578. EMAPA:29747 - epithelial layer of efferent duct
579. EMAPA:29745 - septum of scrotum
580. EMAPA:29753 - adventitia of cauda of epididymis
581. EMAPA:29751 - muscle layer of cauda of epididymis
582. EMAPA:29737 - stratified layer
583. EMAPA:29739 - dermal layer of scrotum
584. EMAPA:29733 - epidermal layer of scrotum

585. EMAPA:29735 - basal layer
586. EMAPA:29741 - hair follicle
587. EMAPA:29743 - sweat gland
588. EMAPA:28245 - glomerular capillary system
589. EMAPA:28239 - glomerular tuft
590. EMAPA:28230 - afferent arteriole
591. EMAPA:28233 - efferent arteriole
592. EMAPA:28236 - mature renal corpuscle
593. EMAPA:28221 - arcuate vein
594. EMAPA:28218 - interlobular vein
595. EMAPA:28215 - arcuate artery
596. EMAPA:28212 - interlobular artery
597. EMAPA:30891 - urethra
598. EMAPA:30895 - caudal urethra
599. EMAPA:30893 - pelvic urethra
600. EMAPA:30899 - urethral fold
601. EMAPA:30897 - urethral plate
602. EMAPA:29731 - testicular branch of genital nerve
603. EMAPA:30882 - epithelial layer of rest of urogenital sinus
604. EMAPA:31199 - developing vasculature of corpus epididymis
605. EMAPA:30885 - mesenchymal layer of rest of urogenital sinus
606. EMAPA:30888 - urethral fold
607. EMAPA:31194 - developing vasculature of cauda epididymis
608. EMAPA:16577 - nephric duct
609. EMAPA:31188 - developing vasculature of ductus deferens
610. EMAPA:16578 - primordial germ cells
611. EMAPA:19180 - seminal vesicle
612. EMAPA:16579 - pronephros
613. EMAPA:31182 - developing vasculature of epididymis
614. EMAPA:16576 - associated mesenchyme
615. EMAPA:19169 - crus of clitoris
616. EMAPA:30850 - ureteral vasculature
617. EMAPA:30841 - mesenchymal layer of labia
618. EMAPA:30843 - gland of labia
619. EMAPA:19179 - tunica vaginalis testis
620. EMAPA:30845 - vasculature of labia
621. EMAPA:19177 - Sertoli cell
622. EMAPA:19176 - rest of interstitium of the testis
623. EMAPA:19175 - fetal Leydig cell
624. EMAPA:19174 - external
625. EMAPA:19173 - internal
626. EMAPA:19172 - inguinal ring
627. EMAPA:19171 - inguinal canal
628. EMAPA:19170 - glans clitoris
629. EMAPA:30879 - rest of urogenital sinus
630. EMAPA:30876 - mesenchymal layer of primitive bladder
631. EMAPA:30873 - epithelial layer of primitive bladder
632. EMAPA:30870 - primitive bladder
633. EMAPA:30942 - prostatic urethra
634. EMAPA:30137 - muscularis mucosa of neck
635. EMAPA:30946 - epithelial layer
636. EMAPA:28949 - epithelium of rest of nephric duct of female
637. EMAPA:30944 - penile urethra
638. EMAPA:28945 - nephric duct of female, rest of
639. EMAPA:30130 - serosa of neck
640. EMAPA:29669 - proximal straight tubule
641. EMAPA:29675 - inner stripe of outer medulla
642. EMAPA:28147 - renal cortical arterial system
643. EMAPA:28142 - renal cortical vasculature
644. EMAPA:29671 - distal straight tubule
645. EMAPA:30948 - mesenchymal layer
646. EMAPA:30952 - epithelial layer
647. EMAPA:30954 - mesenchymal layer
648. EMAPA:30956 - muscle layer
649. EMAPA:28957 - epithelium of rest of paramesonephric duct of female
650. EMAPA:30123 - detrusor muscle of neck
651. EMAPA:29657 - segment 1 of proximal tubule
652. EMAPA:28953 - mesenchyme of rest of nephric duct of female
653. EMAPA:30950 - muscle layer
654. EMAPA:29659 - segment 2 of proximal tubule
655. EMAPA:28961 - mesenchyme of rest of paramesonephric duct of female
656. EMAPA:28136 - renal cortical interstitium
657. EMAPA:29663 - outer stripe of outer medulla
658. EMAPA:29665 - loop of Henle
659. EMAPA:28130 - cortical collecting duct
660. EMAPA:29661 - renal proximal straight tubule
661. EMAPA:30924 - urethral plate of female
662. EMAPA:28929 - rete ovarii of mesonephros
663. EMAPA:28924 - nephric duct of female, mesonephric portion
664. EMAPA:29693 - epithelium of cauda of epididymis
665. EMAPA:28167 - renal medullary venous system
666. EMAPA:29691 - renal nerve
667. EMAPA:30927 - urethral fold of female
668. EMAPA:28162 - renal medullary arterial system

669. EMAPA:30934 - mesenchymal layer of phallic urethra of female
670. EMAPA:30930 - epithelial layer of phallic urethra of female
671. EMAPA:30144 - adventitia of neck
672. EMAPA:29679 - loop of Henle
673. EMAPA:28937 - paramesonephric duct of female, mesonephric portion
674. EMAPA:28934 - coelomic epithelium of female mesonephros
675. EMAPA:29681 - thin descending limb
676. EMAPA:30150 - interstitium
677. EMAPA:28152 - renal cortical venous system
678. EMAPA:29683 - premacula segment of distal straight tubule
679. EMAPA:28940 - paramesonephric duct of female, rest of
680. EMAPA:28157 - renal medullary vasculature
681. EMAPA:30938 - muscle layer of phallic urethra of female
682. EMAPA:29626 - genital tubercle surface epithelium of female
683. EMAPA:30903 - pelvic urethra
684. EMAPA:30901 - urethra
685. EMAPA:30907 - mesenchymal layer of pelvic urethra
686. EMAPA:30905 - epithelial layer of pelvic urethra
687. EMAPA:30909 - muscle layer of pelvic urethra
688. EMAPA:29633 - inner longitudinal muscle
689. EMAPA:29631 - vasculature of the ovary
690. EMAPA:30911 - phallic urethra
691. EMAPA:30913 - urethral plate of phallic urethra
692. EMAPA:30915 - urethral fold of phallic urethra
693. EMAPA:30917 - phallic urethra of female
694. EMAPA:29621 - genital tubercle mesenchyme of female
695. EMAPA:28965 - meiotic germ cell
696. EMAPA:29645 - male urethral gland
697. EMAPA:30116 - lamina propria of neck
698. EMAPA:28971 - premeiotic germ cell
699. EMAPA:29655 - Leydig cell
700. EMAPA:29653 - female urethral gland
701. EMAPA:29635 - outer circular muscle
702. EMAPA:29637 - median umbilical ligament
703. EMAPA:30102 - lamina propria of fundus
704. EMAPA:29639 - bulbar part of urethra of male
705. EMAPA:28978 - degenerating mesonephric tubule of female
706. EMAPA:30109 - lamina propria of trigone
707. EMAPA:29641 - distal region of urethra of male
708. EMAPA:28981 - degenerating mesonephric portion of nephric duct of female
709. EMAPA:26913 - inguinal canal
710. EMAPA:27599 - nephric duct, metanephric portion
711. EMAPA:27573 - cloaca
712. EMAPA:27570 - posterior gonadal mesenchyme
713. EMAPA:17377 - nephric duct, metanephric portion
714. EMAPA:17376 - ureteric bud
715. EMAPA:17379 - urogenital sinus
716. EMAPA:28101 - deep cellular layer
717. EMAPA:17378 - urogenital membrane
718. EMAPA:17373 - metanephros
719. EMAPA:17375 - metanephric mesenchyme
720. EMAPA:28909 - mesonephros of female
721. EMAPA:27568 - central gonadal mesenchyme
722. EMAPA:27566 - anterior gonadal mesenchyme
723. EMAPA:27564 - coelomic epithelium
724. EMAPA:17368 - urogenital mesentery
725. EMAPA:17367 - mesentery
726. EMAPA:17366 - urinary system
727. EMAPA:28914 - mesonephric mesenchyme of female mesonephros
728. EMAPA:28919 - mesonephric tubule of female
729. EMAPA:27591 - nephric duct, mesonephric portion
730. EMAPA:28120 - pelvic smooth muscle
731. EMAPA:27588 - mesonephric tubule
732. EMAPA:27581 - associated mesenchyme
733. EMAPA:17382 - genital tubercle
734. EMAPA:27585 - mesonephric mesenchyme
735. EMAPA:17381 - reproductive system
736. EMAPA:17380 - urorectal septum
737. EMAPA:17386 - primordial germ cell
738. EMAPA:17385 - gonadal mesenchyme
739. EMAPA:17384 - coelomic epithelium
740. EMAPA:17383 - gonad
741. EMAPA:28114 - adventitia of ureter
742. EMAPA:27577 - cloacal epithelium
743. EMAPA:18985 - uterine horn
744. EMAPA:18984 - oviduct
745. EMAPA:18976 - cortical renal tubule
746. EMAPA:18978 - cystic vesicular appendage
747. EMAPA:18998 - urethral plate of male
748. EMAPA:18999 - lower part of vagina
749. EMAPA:18995 - pelvic urethra of male
750. EMAPA:18993 - efferent duct of seminal vesicle
751. EMAPA:18988 - glans penis
752. EMAPA:18989 - prepuce of male

753. EMAPA:18986 - vagina
 754. EMAPA:18987 - upper part of vagina
 755. EMAPA:30088 - lamina propria of the bladder
 756. EMAPA:31058 - ovigerous cord
 757. EMAPA:29609 - rest of mesentery
 758. EMAPA:29605 - coelomic vessel
 759. EMAPA:29607 - interstitial vessel
 760. EMAPA:29603 - vasculature of testis
 761. EMAPA:30051 - circular muscle layer of rest of oviduct
 762. EMAPA:31021 - bend
 763. EMAPA:30991 - epithelium of vagina
 764. EMAPA:30043 - renal medullary capillary
 765. EMAPA:31025 - meiotic oocytes
 766. EMAPA:30997 - muscular layer of vagina
 767. EMAPA:30049 - muscle layer of rest of oviduct
 768. EMAPA:30057 - longitudinal muscle layer of ductus deferens
 769. EMAPA:30053 - longitudinal muscle layer of rest of oviduct
 770. EMAPA:30055 - circular muscle layer of ductus deferens
 771. EMAPA:31017 - straight limb
 772. EMAPA:30984 - female external genitalia
 773. EMAPA:19279 - renal medulla
 774. EMAPA:30072 - mesenchyme of paramesonephric duct, mesonephric portion
 775. EMAPA:30070 - epithelium of paramesonephric duct, mesonephric portion
 776. EMAPA:19285 - male accessory gland
 777. EMAPA:19284 - primary follicle
 778. EMAPA:31045 - ureteric tree terminal branch excluding tip itself
 779. EMAPA:30068 - cranial suspensory ligament
 780. EMAPA:19280 - Loop of Henle group
 781. EMAPA:19287 - prostate gland
 782. EMAPA:19286 - bulbourethral gland
 783. EMAPA:19289 - tunica albuginea of testis
 784. EMAPA:30977 - male external genitalia
 785. EMAPA:31040 - rest of cortical component of mesenchymal stroma of ovary
 786. EMAPA:30081 - epithelium of neck
 787. EMAPA:19296 - scrotum
 788. EMAPA:31035 - pre-granulosa cell
 789. EMAPA:30074 - genital swelling
 790. EMAPA:30077 - dorsal genital swelling
 791. EMAPA:19294 - crus penis
 792. EMAPA:19293 - corpus epididymis
 793. EMAPA:30079 - ventrolateral genital swelling
 794. EMAPA:19292 - cauda epididymis
 795. EMAPA:19291 - caput epididymis
 796. EMAPA:19290 - epididymis
 797. EMAPA:30965 - glomerular basement membrane

DETAILS:

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

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

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

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

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

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

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

Modified Component 5			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16369) has order entry <1 for EMAPA:16367>		

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

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

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Modified Component 8			
ID	EMAPA:29122	Is Group Term	false
Name	coelomic vessel		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:29114[developing vasculature of the testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), coelomic vessel(EMAPA:29122)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29122) has order entry <0 for EMAPA:29114>		

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

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

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

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

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

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

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

Modified Component 12	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30634) has order entry <7 for EMAPA:17969>

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

Modified Component 14			
ID	EMAPA:29138	Is Group Term	false

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

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

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

Modified Component 16			
ID	EMAPA:29130	Is Group Term	false
Name	interstitial vessel		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:29114[developing vasculature of the testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114), interstitial vessel(EMAPA:29130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29130) has order entry <1 for EMAPA:29114>		

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

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

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

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

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

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

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

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

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

Modified Component 23	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29921) has order entry <1 for EMAPA:29917>

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

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

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

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

Modified Component 27			
ID	EMAPA:29919	Is Group Term	false
Name	uterine gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29917[endometrium]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), uterine gland(EMAPA:29919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

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

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

Modified Component 29			
ID	EMAPA:29913	Is Group Term	false
Name	serosa of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29905[rest of oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of		

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

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

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

Modified Component 31	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29106) has order entry <0 for EMAPA:29098>

Modified Component 32			
ID	EMAPA:29114	Is Group Term	false
Name	developing vasculature of the testis		
Starts At	TS20	Ends At	TS27
Primary Parents	JFA:0001009[developing vasculature of reproductive system GROUP] EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29114) has order entry <7 for EMAPA:17972>		
	3. Different Parents - Referenced Component EMAPA:29114 has parents [EMAPA:17972]		

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

Modified Component 33	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16367) has order entry <0 for EMAPA:16245>

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

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

Modified Component 36			

Modified Component 36			
<i>ID</i>	EMAPA:27694	<i>Is Group Term</i>	false
<i>Name</i>	ureteric tip		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS20
<i>Primary Parents</i>	JFA:0001007[nephrogenic zone GROUP] EMAPA:17646[primitive collecting duct]		
<i>Group Parents</i>			
<i>Synonyms</i>	[ampulla]		
<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), primitive collecting duct(EMAPA:17646), ureteric tip(EMAPA:27694)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), ureteric tip(EMAPA:27694)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric tip(EMAPA:27694)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), ureteric tip(EMAPA:27694)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27694) has order entry <0 for EMAPA:17646>		
	3. Different Parents - Referenced Component EMAPA:27694 has parents [EMAPA:17646]		

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

Modified Component 37			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27690) has order entry <12 for EMAPA:17373>		
	3. Different Parents - Referenced Component EMAPA:27690 has parents [EMAPA:17373]		

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

Modified Component 39			
ID	EMAPA:29945	Is Group Term	false
Name	adventitia of upper part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31003[adventita of vagina] EMAPA:18987[upper part of vagina]		

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

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

Modified Component 40			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31276) has order entry <3 for EMAPA:27690>		

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

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

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

Modified Component 43			
ID	EMAPA:31279	Is Group Term	false
Name	renal fibroblasts		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), renal fibroblasts(EMAPA:31279)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), renal		

Modified Component 43			
	fibroblasts(EMAPA:31279)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31279) has order entry <0 for EMAPA:27690>		

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

Modified Component 45			
ID	EMAPA:29161	Is Group Term	false
Name	degenerating mesonephric portion of male paramesonephric duct		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[Mllerian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 45			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), degenerating mesonephric portion of male paramesonephric duct(EMAPA:29161)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), degenerating mesonephric portion of male paramesonephric duct(EMAPA:29161)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29161) has order entry <5 for EMAPA:29138>		
	3. Different Synonyms - Referenced Component EMAPA:29161 has synonyms [Müllerian duct]		

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

Modified Component 46			
	system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different End Stage - Referenced Component EMAPA:29167 has End Stage [TS21]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29167) has order entry <2 for EMAPA:17969>		

Modified Component 47			
ID	EMAPA:31281	Is Group Term	false
Name	anlage of loop of Henle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:18976[cortical renal tubule] JFA:0001011[cortical renal tubule of capillary loop nephron GROUP]		
Group Parents			
Synonyms	[primitive loop of Henle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 47

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage

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of loop of Henle(EMAPA:31281)]

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

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]

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

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),

Modified Component 47			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), anlage of loop of Henle(EMAPA:31281)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), anlage of loop of Henle(EMAPA:31281)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31281) has order entry <2 for EMAPA:18976>		
	3. Different Parents - Referenced Component EMAPA:31281 has parents [EMAPA:18976]		

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

Modified Component 49			
ID	EMAPA:30675	Is Group Term	false
Name	outer layer of uterine horn		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		

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

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

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

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

Modified Component 52			
ID	EMAPA:29935	Is Group Term	false
Name	gland of lower vaginal epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29058[epithelial layer of lower part of vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058), gland of lower vaginal epithelium(EMAPA:29935)]</p>		

Modified Component 52			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29935) has order entry <0 for EMAPA:29058>		

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

Modified Component 54			
ID	EMAPA:29939	Is Group Term	false
Name	adventitia of lower part of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31003[adventita of vagina] EMAPA:18999[lower part of vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 54			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), adventitia of lower part of vagina(EMAPA:29939)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29939) has order entry <0 for EMAPA:31003>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29939) has order entry <2 for EMAPA:18999>		

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

Modified Component 55			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle surface epithelium of male(EMAPA:29170)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different End Stage - Referenced Component EMAPA:29170 has End Stage [TS21]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29170) has order entry <0 for EMAPA:17969>		

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

Modified Component 57			
ID	EMAPA:29177	Is Group Term	false
Name	mesenchyme of rest of nephric duct of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29173[nephric duct of male, rest of]		
Group Parents			
Synonyms	[]		

Modified Component 57			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), mesenchyme of rest of nephric duct of male(EMAPA:29177)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), mesenchyme of rest of nephric duct of male(EMAPA:29177)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29177) has order entry <1 for EMAPA:29173>		

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

Modified Component 59			
ID	EMAPA:30642	Is Group Term	false
Name	mesenchyme of glans penis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30642) has order entry <3 for EMAPA:18988>		

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

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

Modified Component 61			
ID	EMAPA:29964	Is Group Term	false
Name	endothelial layer of renal vein		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28376[renal vein]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		

Modified Component 61			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29964) has order entry <0 for EMAPA:28376>		

Modified Component 62			
ID	EMAPA:30646	Is Group Term	false
Name	surface epithelium of glans penis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), surface epithelium of glans penis(EMAPA:30646)]		

Modified Component 62			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30646) has order entry <1 for EMAPA:18988>		

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

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

Modified Component 65			
ID	EMAPA:29143	Is Group Term	false
Name	mesonephric mesenchyme of male		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric mesenchyme of male(EMAPA:29143)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric mesenchyme of male(EMAPA:29143)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29143) has order entry <1 for EMAPA:29138>		

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

Modified Component 67			
ID	EMAPA:31268	Is Group Term	false
Name	circular muscle layer of infundibulum		
Starts At	TS28	Ends At	TS28

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

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

Modified Component 69			
ID	EMAPA:30650	Is Group Term	false
Name	prepuce mesenchyme of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18989[prepuce of male]		
Group Parents			
Synonyms	[]		

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

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

Modified Component 71			

Modified Component 71			
<i>ID</i>	EMAPA:30655	<i>Is Group Term</i>	false
<i>Name</i>	prepuce surface epithelium of male		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18989[prepuce of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30655) has order entry <0 for EMAPA:18989>		

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

Modified Component 72			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), preputial gland of male(EMAPA:30659)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30659) has order entry <1 for EMAPA:18989>		

Modified Component 73			
ID	EMAPA:31270	Is Group Term	false
Name	nephrogenic interstitium		
Starts At	TS20	Ends At	TS21
Primary Parents	JFA:0001007[nephrogenic zone GROUP] EMAPA:27690[renal interstitium]		
Group Parents			
Synonyms	[peripheral blastema]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), nephrogenic interstitium(EMAPA:31270)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), nephrogenic interstitium(EMAPA:31270)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), nephrogenic interstitium(EMAPA:31270)]		

Modified Component 73			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31270) has order entry <2 for EMAPA:27690>		
	3. Different Parents - Referenced Component EMAPA:31270 has parents [EMAPA:27690]		

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

Modified Component 75			
ID	EMAPA:28077	Is Group Term	false
Name	pelvic urothelial lining		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17948[pelvis]		
Group Parents			
Synonyms	[pelvic urothelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic urothelial lining(EMAPA:28077)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic urothelial lining(EMAPA:28077)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 75	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28077) has order entry <0 for EMAPA:17948>

Modified Component 76			
ID	EMAPA:28075	Is Group Term	false
Name	capillary		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[developing vasculature of medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), capillary(EMAPA:28075)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28075) has order entry <2 for EMAPA:28069>		

Modified Component 77			
ID	EMAPA:28862	Is Group Term	false
Name	proximal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		

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

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

Modified Component 78			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), venous(EMAPA:28073)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28073) has order entry <1 for EMAPA:28069>		

Modified Component 79			
ID	EMAPA:28071	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[developing vasculature of medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal		

Modified Component 79			
	vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069), arterial(EMAPA:28071)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28071) has order entry <0 for EMAPA:28069>		

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

Modified Component 81			
ID	EMAPA:28853	Is Group Term	false
Name	epithelial layer of phallic urethra of male		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), epithelial layer of phallic urethra of male(EMAPA:28853)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 81			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), epithelial layer of phallic urethra of male(EMAPA:28853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28853) has order entry <0 for EMAPA:17956>		

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

Modified Component 83			
ID	EMAPA:28089	Is Group Term	false
Name	urothelium		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
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(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(EMAPA:28089)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28089) has order entry <0 for EMAPA:17950>		

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Modified Component 84			
ID	EMAPA:28850	Is Group Term	false
Name	interstitium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[Cajal 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), ureteral smooth muscle layer(EMAPA:28844), interstitium(EMAPA:28850)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), interstitium(EMAPA:28850)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28850) has order entry <3 for EMAPA:28844>		

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

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

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

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

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

Modified Component 89			
ID	EMAPA:28069	Is Group Term	false
Name	developing vasculature of medulla		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), developing vasculature of medulla(EMAPA:28069)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28069) has order entry <3 for EMAPA:19279>		

Modified Component 89			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28069) has order entry <8 for EMAPA:28457>		

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

Modified Component 91			
<i>ID</i>	EMAPA:30699	<i>Is Group Term</i>	false
<i>Name</i>	prepuce of female		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18680[genital tubercle of female]		

Modified Component 91			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30699) has order entry <7 for EMAPA:18680>		

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

Modified Component 92			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), venous(EMAPA:28037)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28037) has order entry <1 for EMAPA:28029>		

Modified Component 93			
ID	EMAPA:28035	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[developing vasculature of cortex]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 93			
	system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), arterial(EMAPA:28035)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28035) has order entry <0 for EMAPA:28029>		

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

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

Modified Component 95			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28029) has order entry <7 for EMAPA:28457>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28029) has order entry <9 for EMAPA:17952>		

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

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

Modified Component 98			
ID	EMAPA:28039	Is Group Term	false
Name	capillary		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[developing vasculature of cortex]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 98			
	renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28039) has order entry <2 for EMAPA:28029>		

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

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

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

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

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

Modified Component 102

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

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

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

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

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

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

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

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

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

Modified Component 107			
ID	EMAPA:28888	Is Group Term	false
Name	developing vasculature of ovary		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:17962[ovary] JFA:0001009[developing vasculature of reproductive system GROUP]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of ovary(EMAPA:28888)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of ovary(EMAPA:28888)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28888) has order entry <14 for EMAPA:17962>		
	3. Different Parents - Referenced Component EMAPA:28888 has parents [EMAPA:17962]		

Modified Component 108			
ID	EMAPA:29098	Is Group Term	false
Name	primary sex cord		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		

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

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

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

Modified Component 110			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27627) has order entry <1 for EMAPA:17376>		

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

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

Modified Component 113			

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

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

Modified Component 114			
	renal interstitium group(EMAPA:28518), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), perihilar interstitium(EMAPA:28083), perihilar fibroblast(EMAPA:31361)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31361) has order entry <0 for EMAPA:28083>		

Modified Component 115			
ID	EMAPA:29976	Is Group Term	false
Name	endothelial layer of renal artery		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		

Modified Component 115			
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29976) has order entry <0 for EMAPA:28373>		

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

Modified Component 117			
ID	EMAPA:29995	Is Group Term	false
Name	endothelium of renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal		

Modified Component 117			
	artery(EMAPA:29995)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), endothelium of renal artery(EMAPA:29995)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29995) has order entry <1 for EMAPA:28373>		

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

Modified Component 119			

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

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

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

Modified Component 121			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary nerves(EMAPA:31354)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31354) has order entry <8 for EMAPA:19279>		

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

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

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

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

Modified Component 125	
	has order entry <0 for EMAPA:17209>

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

Modified Component 127			
<i>ID</i>	EMAPA:31340	<i>Is Group Term</i>	false
<i>Name</i>	rest of renal medullary interstitium		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:18326[renal medullary interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), rest of renal medullary interstitium(EMAPA:31340)]		

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

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

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

Modified Component 129	
	order entries; Referenced Component (EMAPA:29067) has order entry <1 for EMAPA:19284>

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

Modified Component 131			
<i>ID</i>	EMAPA:31333	<i>Is Group Term</i>	false
<i>Name</i>	resident macrophages of the medulla		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS24
<i>Primary Parents</i>	EMAPA:18326[renal medullary interstitium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[renal monocytes of the medulla]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), resident macrophages of the medulla(EMAPA:31333)]		

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

Modified Component 132			
ID	EMAPA:27673	Is Group Term	false
Name	pretubular aggregate		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metanephros] JFA:0001007[nephrogenic zone GROUP]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pretubular aggregate(EMAPA:27673)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), pretubular aggregate(EMAPA:27673)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pretubular aggregate(EMAPA:27673)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), pretubular aggregate(EMAPA:27673)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27673) has order entry <5 for EMAPA:17373>		
	3. Different Parents - Referenced Component		

Modified Component 132			
		EMAPA:27673 has parents [EMAPA:17373]	

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

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

Modified Component 135			
ID	EMAPA:31326	Is Group Term	false
Name	renal medullary fibroblasts		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:18326[renal medullary interstitium]		
Group Parents			
Synonyms	[]		

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

Modified Component 136			
ID	EMAPA:27663	Is Group Term	false
Name	nephric duct, mesonephric portion		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesonephros] EMAPA:28429[nephric duct group]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), nephric duct, mesonephric portion(EMAPA:27663)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, mesonephric portion(EMAPA:27663)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429), nephric duct, mesonephric portion(EMAPA:27663)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), nephric duct, mesonephric portion(EMAPA:27663)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 136	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27663) has order entry <0 for EMAPA:28429>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27663) has order entry <2 for EMAPA:27644>

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

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

Modified Component 139			
ID	EMAPA:31319	Is Group Term	false

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

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

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

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

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

Modified Component 143			
ID	EMAPA:27653	Is Group Term	false
Name	anterior gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17385[gonadal mesenchyme]		
Group Parents			
Synonyms	[rostral gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), anterior gonadal mesenchyme(EMAPA:27653)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385), anterior gonadal mesenchyme(EMAPA:27653)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 143			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:27653) has order entry <0 for EMAPA:17385>	

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

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

Modified Component 145	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31304) has order entry <2 for EMAPA:28136>

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

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

Modified Component 148			
ID	EMAPA:27638	Is Group Term	false
Name	cloaca		
Starts At	TS19	Ends At	TS19

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

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

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

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

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

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

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

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

Modified Component 153			
	system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30720) has order entry <0 for EMAPA:19170>		

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

Modified Component 154	
	has order entry <1 for EMAPA:19169>

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

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

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

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

Modified Component 158			
ID	EMAPA:30747	Is Group Term	false
Name	muscle layer of epididymis		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epididymis]		

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

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

Modified Component 160			
<i>ID</i>	EMAPA:30751	<i>Is Group Term</i>	false
<i>Name</i>	outer layer of ductus deferens		
<i>Starts At</i>	TS26	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:18681[ductus deferens]		
<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), ductus deferens(EMAPA:18681), outer layer of ductus deferens(EMAPA:30751)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

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

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

Modified Component 162			
ID	EMAPA:30757	Is Group Term	false
Name	oocyte of primordial follicle		
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:30755[primordial follicle]		
Group Parents			
Synonyms	[]		

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

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

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

Modified Component 164			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), medullary component of mesenchymal stroma(EMAPA:29014)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29014) has order entry <1 for EMAPA:28880>		

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

Modified Component 166			
ID	EMAPA:30765	Is Group Term	false
Name	oocyte of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[tertiary follicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), oocyte of tertiary follicle(EMAPA:30765)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), oocyte of tertiary follicle(EMAPA:30765)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 166	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30765) has order entry <0 for EMAPA:30763>

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

Modified Component 168			
ID	EMAPA:31379	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28396[distal straight tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal		

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tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal straight
tubule(EMAPA:28396), premacula segment of distal
straight tubule(EMAPA:31379)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), stage IV immature
nephron(EMAPA:28445), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), premacula segment of distal
straight tubule(EMAPA:31379)]

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

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), developing capillary loop
stage nephron GROUP(EMAPA:28506), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), premacula segment of distal
straight tubule(EMAPA:31379)]

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

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), late tubule(EMAPA:28527),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
straight tubule(EMAPA:28396), premacula segment of
distal straight tubule(EMAPA:31379)]

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

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
straight tubule(EMAPA:28396), premacula segment of
distal straight tubule(EMAPA:31379)]

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

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straight tubule(EMAPA:31379)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

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visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]

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

Modified Component 168			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), premacula segment of distal straight tubule(EMAPA:31379)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31379) has order entry <0 for EMAPA:28396>		

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

Modified Component 170			
ID	EMAPA:30763	Is Group Term	false
Name	tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[antral follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 170			
	system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30763) has order entry <8 for EMAPA:17962>		

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

Modified Component 172			
ID	EMAPA:29844	Is Group Term	false
Name	ventral prostatic interstitium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29836[ventral prostate gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), ventral prostate gland(EMAPA:29836), ventral prostatic interstitium(EMAPA:29844)]		
Alternate 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		

Modified Component 172			
	prostatic interstitium(EMAPA:29844)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29844) has order entry <1 for EMAPA:29836>		

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

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

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

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

Modified Component 176			
ID	EMAPA:30775	Is Group Term	false
Name	mural of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30767[follicle cell of tertiary follicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), mural of tertiary follicle(EMAPA:30775)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763), follicle cell of tertiary follicle(EMAPA:30767), mural of tertiary follicle(EMAPA:30775)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30775) has order entry <1 for EMAPA:30767>		

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

Modified Component 178			
ID	EMAPA:30779	Is Group Term	false
Name	primary oocyte of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30777[Graafian follicle]		

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

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

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

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

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

Modified Component 182			
ID	EMAPA:31384	Is Group Term	false
Name	outer medullary fibroblast		

Modified Component 182			
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28337[outer medullary interstitium]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31384) has order entry <0 for EMAPA:28337>		

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

Modified Component 183	
	has order entry <2 for EMAPA:30763>

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

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

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

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

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

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

Modified Component 190			
ID	EMAPA:29030	Is Group Term	false
Name	epithelium		
Starts At	TS24	Ends At	TS27

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

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

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

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

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

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

Modified Component 194			
	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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29824) has order entry <0 for EMAPA:29822>		

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

Modified Component 196			
ID	EMAPA:30783	Is Group Term	false
Name	cumulus of mature follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30781[germinal cell of mature follicle]		
Group Parents			

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

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

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

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

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

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

Modified Component 200			
	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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29826) has order entry <0 for EMAPA:29824>		

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

Modified Component 202			
ID	EMAPA:29046	Is Group Term	false
Name	muscle layer of oviduct		

Modified Component 202			
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), muscle layer of oviduct(EMAPA:29046)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), muscle layer of oviduct(EMAPA:29046)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29046) has order entry <2 for EMAPA:18984>		

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

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

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

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

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

Modified Component 206			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic interstitium(EMAPA:29816), smooth muscle of dorsal prostate(EMAPA:29818)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29818) has order entry <0 for EMAPA:29816>		

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

Modified Component 208			
ID	EMAPA:30799	Is Group Term	false
Name	vasculature of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), vasculature of ejaculatory duct(EMAPA:30799)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), vasculature of ejaculatory duct(EMAPA:30799)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 208			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:30799) has order entry <2 for EMAPA:19088>	

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

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

Modified Component 210			
	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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29810) has order entry <0 for EMAPA:29808>		

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

Modified Component 212			
ID	EMAPA:29812	Is Group Term	false
Name	glandular epithelium of dorsal prostate		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29810[dorsal prostatic epithelium]		
Group Parents			
Synonyms	[secretory epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), glandular epithelium of dorsal prostate(EMAPA:29812)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), dorsal prostate gland(EMAPA:29808), dorsal prostatic epithelium(EMAPA:29810), glandular		

Modified Component 212			
	epithelium of dorsal prostate(EMAPA:29812)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29812) has order entry <0 for EMAPA:29810>		

Modified Component 213			
ID	EMAPA:29814	Is Group Term	false
Name	ductal epithelium of dorsal prostate		
Starts At	TS28	Ends At	TS28
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), ductal 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), ductal epithelium of dorsal prostate(EMAPA:29814)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29814) has order entry <1 for EMAPA:29810>		

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

Modified Component 214			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), vasculature of scrotum(EMAPA:30791)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30791) has order entry <3 for EMAPA:19296>		

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

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

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

Modified Component 217			
ID	EMAPA:29058	Is Group Term	false
Name	epithelial layer of lower part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30991[epithelium of vagina] EMAPA:18999[lower part of vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991), epithelial layer of lower part of vagina(EMAPA:29058)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 217	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29058) has order entry <0 for EMAPA:18999>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29058) has order entry <0 for EMAPA:30991>

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

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

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

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

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

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

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

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

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

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

Modified Component 226			
ID	EMAPA:18332	Is Group Term	false
Name	rete testis		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		

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

Modified Component 227			
ID	EMAPA:18326	Is Group Term	false
Name	renal medullary interstitium		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:19279[renal medulla] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[medullary stroma]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different End Stage - Referenced Component EMAPA:18326 has End Stage [TS28]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18326) has order entry <2 for EMAPA:19279>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:18326) has order entry <7 for EMAPA:28518>		

Modified Component 228			
ID	EMAPA:18329	Is Group Term	false

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

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

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

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

Modified Component 231

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

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

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

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

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

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

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

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

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

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

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

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

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

Modified Component 241			
ID	EMAPA:29880	Is Group Term	false
Name	ruptured follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ovulated follicle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ruptured follicle(EMAPA:29880)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 241			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:29880) has order entry <10 for EMAPA:17962>	

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

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

Modified Component 244			
ID	EMAPA:29878	Is Group Term	false

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

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

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

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

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

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

Modified Component 248			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29897) has order entry <0 for EMAPA:18984>		

Modified Component 249			
ID	EMAPA:31450	Is Group Term	true
Name	renal venous system		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31450) has order entry <23 for EMAPA:17366>		

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

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

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

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

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

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

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

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

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

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

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

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

Modified Component 258	
	order entries; Referenced Component (EMAPA:29856) has order entry <2 for EMAPA:18988>

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

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

Modified Component 260			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), rest of crus penis(EMAPA:29854)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29854) has order entry <4 for EMAPA:19294>		

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

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

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

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

Modified Component 264			
ID	EMAPA:29872	Is Group Term	false
Name	theca of secondary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29862[secondary follicle]		

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

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

Modified Component 266			
ID	EMAPA:29874	Is Group Term	false
Name	atretic follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

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

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

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

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

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

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

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

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

Modified Component 273			
ID	EMAPA:27770	Is Group Term	false
Name	capillary loop renal corpuscle		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP]		
Group Parents			

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

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

Modified Component 274	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27772) has order entry <4 for EMAPA:27770>

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

Modified Component 276			
ID	EMAPA:31426	Is Group Term	false
Name	periarterial fibroblasts of cortex		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31288[renal cortical fibroblasts]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31426)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

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

Modified Component 277			
ID	EMAPA:27764	Is Group Term	false
Name	proximal segment of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		
Group Parents			
Synonyms	[lower limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764)]		
Alternate Paths	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)]		
	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)]		
	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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27764) has order entry <3 for EMAPA:27756>		

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

Modified Component 279			
ID	EMAPA:27766	Is Group Term	false
Name	visceral epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27764[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), visceral epithelium(EMAPA:27766)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764),		

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

Modified Component 280			
ID	EMAPA:27768	Is Group Term	false
Name	parietal epithelium		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27764[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), proximal segment of s-shaped body(EMAPA:27764), parietal epithelium(EMAPA:27768)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27768) has order entry <1 for EMAPA:27764>		

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

Modified Component 282			
ID	EMAPA:27762	Is Group Term	false
Name	medial segment of s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27756[s-shaped body]		
Group Parents			
Synonyms	[mid-portion of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), s-shaped body(EMAPA:27756), medial segment of s-shaped body(EMAPA:27762)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27756), medial segment of s-shaped body(EMAPA:27762)]		

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

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

Modified Component 284			
ID	EMAPA:27756	Is Group Term	false
Name	s-shaped body		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17954[early nephron GROUP]		

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

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

Modified Component 285			
	renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31414) has order entry <3 for EMAPA:28049>		

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

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

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

Modified Component 288			
ID	EMAPA:27794	Is Group Term	false
Name	developing vasculature of metanephros		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28457[renal vasculature] JFA:0001008[developing vasculature of urinary system GROUP] EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), developing vasculature of metanephros(EMAPA:27794)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), developing vasculature of metanephros(EMAPA:27794)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), developing vasculature of metanephros(EMAPA:27794)]		

Modified Component 288			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), developing vasculature of metanephros(EMAPA:27794)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:27794 has name [developing vasculature]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27794) has order entry <13 for EMAPA:17373>		
	4. Different Parents - Referenced Component EMAPA:27794 has parents [EMAPA:17373]		

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

Modified Component 289	
	has order entry <3 for EMAPA:27782>
	3. Different Synonyms - Referenced Component EMAPA:27790 has synonyms []

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

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

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

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

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

Modified Component 293	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27788) has order entry <2 for EMAPA:27782>
	3. Different Synonyms - Referenced Component EMAPA:27788 has synonyms []

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

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

Modified Component 296			

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

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

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

Modified Component 298			
ID	EMAPA:27782	Is Group Term	false
Name	renal tubule		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[renal tubule of capillary loop nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal tubule(EMAPA:27782)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal tubule(EMAPA:27782)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), renal		

Modified Component 298			
	tubule(EMAPA:27782)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27782) has order entry <11 for EMAPA:17373>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27782) has order entry <11 for EMAPA:17954>		
	4. Different Synonyms - Referenced Component EMAPA:27782 has synonyms []		

Modified Component 299			
ID	EMAPA:27780	Is Group Term	false
Name	presumptive endothelium of renal corpuscle		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:27770[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 299			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27780) has order entry <2 for EMAPA:27770>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27780) has order entry <3 for EMAPA:28457>		

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

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

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

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

Modified Component 302			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive mesangium(EMAPA:27778)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27778) has order entry <3 for EMAPA:27770>		

Modified Component 303			
ID	EMAPA:31436	Is Group Term	true
Name	renal arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31436) has order entry <22 for EMAPA:17366>		

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

Modified Component 304			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), associated interstitium(EMAPA:27776)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27776) has order entry <0 for EMAPA:27770>		

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

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

Modified Component 306			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31432) has order entry <1 for EMAPA:31399>		

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

Modified Component 308			
ID	EMAPA:31430	Is Group Term	false
Name	periarterial fibroblasts of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31384[outer medullary fibroblast]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31430) has order entry <0 for EMAPA:31384>		

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

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

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

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

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

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

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

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

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

Modified Component 316			
ID	EMAPA:29321	Is Group Term	false
Name	glandular tissue of seminal vesicle		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19180[seminal vesicle]		

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

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

Modified Component 317			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30484) has order entry <4 for EMAPA:18680>		
	3. Different Start Stage - Referenced Component EMAPA:30484 has Start Stage [TS22]		
	4. Different Synonyms - Referenced Component EMAPA:30484 has synonyms []		

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

Modified Component 318			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:30487 has name [distal genital tubercle mesenchyme of female]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30487) has order entry <1 for EMAPA:30484>		
	4. Different Start Stage - Referenced Component EMAPA:30487 has Start Stage [TS22]		

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

Modified Component 319			
	genital tubercle of female(EMAPA:30490)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484), surface epithelium of distal genital tubercle of female(EMAPA:30490)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:30490 has name [distal genital tubercle surface epithelium of female]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30490) has order entry <0 for EMAPA:30484>		
	4. Different Start Stage - Referenced Component EMAPA:30490 has Start Stage [TS22]		

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

Modified Component 320			
	female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:30493 has name [mesenchyme of preputial swelling of female]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30493) has order entry <2 for EMAPA:30478>		
	4. Different Start Stage - Referenced Component EMAPA:30493 has Start Stage [TS22]		

Modified Component 321			
ID	EMAPA:30499	Is Group Term	false
Name	preputial gland of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[preputial swelling of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 321			
	system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30499) has order entry <1 for EMAPA:30478>		
	3. Different Start Stage - Referenced Component EMAPA:30499 has Start Stage [TS22]		

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

Modified Component 323			
ID	EMAPA:30496	Is Group Term	false
Name	surface epithelium of female preputial swelling		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[preputial swelling of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		

Modified Component 323			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), surface epithelium of female preputial swelling(EMAPA:30496)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:30496 has name [surface epithelium of preputial swelling of female]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30496) has order entry <0 for EMAPA:30478>		
	4. Different Start Stage - Referenced Component EMAPA:30496 has Start Stage [TS22]		

Modified Component 324			
ID	EMAPA:29304	Is Group Term	false
Name	cystic vesicular appendage		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cystic vesicular appendage(EMAPA:29304)]		

Modified Component 324			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cystic vesicular appendage(EMAPA:29304)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29304) has order entry <7 for EMAPA:17968>		

Modified Component 325			
ID	EMAPA:29313	Is Group Term	false
Name	internal inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:29307[inguinal ring]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307), internal inguinal ring(EMAPA:29313)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal ring(EMAPA:29307), internal inguinal ring(EMAPA:29313)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29313) has order entry <1 for EMAPA:29307>		

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

Modified Component 326	
	order entries; Referenced Component (EMAPA:29310) has order entry <0 for EMAPA:29307>

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

Modified Component 328			
<i>ID</i>	EMAPA:30467	<i>Is Group Term</i>	false
<i>Name</i>	urethral epithelium of male		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:17969[genital tubercle of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[urethral plate, urethral seam]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of		

Modified Component 328			
	male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different End Stage - Referenced Component EMAPA:30467 has End Stage [TS21]		
	3. Different Name - Referenced Component EMAPA:30467 has name [distal urethral epithelium of male]		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:30467) has order entry <1 for EMAPA:17969>		
	5. Different Synonyms - Referenced Component EMAPA:30467 has synonyms []		

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

Modified Component 330			
ID	EMAPA:30460	Is Group Term	false
Name	coelomic epithelium of male mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		

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

Modified Component 331			
ID	EMAPA:30478	Is Group Term	false
Name	preputial swelling of female		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[prepuce of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		

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

Modified Component 332			
ID	EMAPA:28601	Is Group Term	false
Name	epithelium of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[urothelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28601) has order entry <0 for EMAPA:18321>		

Modified Component 333			
ID	EMAPA:30470	Is Group Term	false
Name	urethral epithelium of female		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[urethral plate, urethral seam]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 333			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), urethral epithelium of female(EMAPA:30470)]		
	Rule Status	PASSED	Edit Status
Comments	CHANGED		
	1.		
	2. Different End Stage - Referenced Component EMAPA:30470 has End Stage [TS21]		
	3. Different Name - Referenced Component EMAPA:30470 has name [distal urethral epithelium of female]		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:30470) has order entry <2 for EMAPA:18680>		
	5. Different Synonyms - Referenced Component EMAPA:30470 has synonyms []		

Modified Component 334			
ID	EMAPA:28607	Is Group Term	false
Name	epithelium of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[epithelium of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of 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), epithelium of bladder(EMAPA:28601), epithelium of fundus(EMAPA:28607)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 334	
	order entries; Referenced Component (EMAPA:28607) has order entry <0 for EMAPA:28601>

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

Modified Component 336			
ID	EMAPA:30447	Is Group Term	true
Name	muscle layer of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:19290[epididymis]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30447) has order entry <9 for EMAPA:19290>		

Modified Component 337			
ID	EMAPA:30449	Is Group Term	true
Name	juxtaglomerular complex		
Starts At	TS25	Ends At	TS28

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

Modified Component 338			
ID	EMAPA:28637	Is Group Term	false
Name	detrusor muscle of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28637) has order entry <3 for EMAPA:18321>		

Modified Component 339			
ID	EMAPA:30443	Is Group Term	true
Name	adventitia of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:19290[epididymis]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 339			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), <u>adventitia of epididymis(EMAPA:30443)</u>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30443) has order entry <10 for EMAPA:19290>		

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

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

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

Modified Component 343			
ID	EMAPA:17645	Is Group Term	false
Name	cap mesenchyme		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metanephros] JFA:0001007[nephrogenic zone GROUP]		
Group Parents			
Synonyms	[condensed mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), cap mesenchyme(EMAPA:17645)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), cap mesenchyme(EMAPA:17645)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), cap mesenchyme(EMAPA:17645)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), cap mesenchyme(EMAPA:17645)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17645) has order entry <4 for EMAPA:17373>		
	3. Different Parents - Referenced Component EMAPA:17645 has parents [EMAPA:17373]		

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

Modified Component 345			
ID	EMAPA:28649	Is Group Term	false
Name	detrusor muscle of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detrusor muscle of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of trigone(EMAPA:28649)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of trigone(EMAPA:28649)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28649) has order entry <1 for EMAPA:28637>		

Modified Component 346			
ID	EMAPA:27829	Is Group Term	false
Name	renal vesicle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:28500[early tubule] EMAPA:17952[renal cortex]		
Group Parents			

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

Modified Component 347			
ID	EMAPA:28661	Is Group Term	false
Name	serosa of bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 347	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28661) has order entry <4 for EMAPA:18321>

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

Modified Component 349			
ID	EMAPA:28667	Is Group Term	false
Name	serosa of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28661[serosa of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of fundus(EMAPA:28667)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of fundus(EMAPA:28667)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28667) has order entry <0 for EMAPA:28661>		

Modified Component 350			
ID	EMAPA:28679	Is Group Term	false

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

Modified Component 351			
ID	EMAPA:28697	Is Group Term	false
Name	epithelial layer of pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18995[pelvic urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), epithelial layer of pelvic urethra of male(EMAPA:28697)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995), epithelial layer of pelvic urethra of male(EMAPA:28697)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28697) has order entry <0 for EMAPA:18995>		

Modified Component 352			
ID	EMAPA:18692	Is Group Term	false
Name	urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692)]		

Modified Component 352			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18692) has order entry <15 for EMAPA:17366>		

Modified Component 353			
ID	EMAPA:18693	Is Group Term	false
Name	urethral fold of male		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral fold of male(EMAPA:18693)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral fold of male(EMAPA:18693)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18693) has order entry <3 for EMAPA:17956>		

Modified Component 354			
ID	EMAPA:18677	Is Group Term	false
Name	major		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18676[calyx]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), major(EMAPA:18677)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), major(EMAPA:18677)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18677) has order entry <0 for EMAPA:18676>		

Modified Component 355			
ID	EMAPA:18676	Is Group Term	false
Name	calyx		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18676) has order entry <18 for EMAPA:17373>		

Modified Component 356			
ID	EMAPA:18680	Is Group Term	false
Name	genital tubercle of female		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:30984[female external genitalia] EMAPA:17959[female reproductive system] EMAPA:28540[female associated reproductive structure]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of		

Modified Component 356			
	female(EMAPA:18680)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18680) has order entry <0 for EMAPA:30984>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18680) has order entry <12 for EMAPA:17959>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:18680) has order entry <2 for EMAPA:28540>		
	5. Different Synonyms - Referenced Component EMAPA:18680 has synonyms [clitoris anlage]		

Modified Component 357			
ID	EMAPA:18686	Is Group Term	false
Name	germ cell of testis		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), germ cell of testis(EMAPA:18686)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), germ cell of testis(EMAPA:18686)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18686) has order entry <1 for EMAPA:18685>		

Modified Component 358			
ID	EMAPA:18685	Is Group Term	false
Name	seminiferous cord		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[seminiferous tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 358			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18685) has order entry <4 for EMAPA:17972>		

Modified Component 359			
ID	EMAPA:18687	Is Group Term	false
Name	interstitium of the testis		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[interstitial tissue]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18687) has order entry <2 for EMAPA:17972>		

Modified Component 360			
ID	EMAPA:18682	Is Group Term	false
Name	penis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[genital tubercle of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 360			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18682) has order entry <1 for EMAPA:30977>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18682) has order entry <21 for EMAPA:17968>		

Modified Component 361			
ID	EMAPA:18681	Is Group Term	false
Name	ductus deferens		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure]		
Group Parents			
Synonyms	[vas deferens]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18681) has order entry <13 for EMAPA:17968>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18681) has order entry <3 for EMAPA:28533>		

Modified Component 362			
ID	EMAPA:18678	Is Group Term	false

Modified Component 362			
Name	minor		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18676[calyx]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), minor(EMAPA:18678)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), calyx(EMAPA:18676), minor(EMAPA:18678)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18678) has order entry <1 for EMAPA:18676>		

Modified Component 363			
ID	EMAPA:18679	Is Group Term	false
Name	renal capsule		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capsule(EMAPA:18679)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capsule(EMAPA:18679)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18679) has order entry <0 for EMAPA:17373>		
	3. Different Start Stage - Referenced Component EMAPA:18679 has Start Stage [TS21]		

Modified Component 364			
ID	EMAPA:27895	Is Group Term	false
Name	visceral epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27883[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		

Modified Component 364			
	cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(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(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(EMAPA:27895)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), visceral epithelium(EMAPA:27895)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27895) has order entry <0 for EMAPA:27883>		

Modified Component 365			
ID	EMAPA:27877	Is Group Term	false
Name	medial segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[mid-portion of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		

Modified Component 365			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), medial segment of s-shaped body(EMAPA:27877)]		
	Rule Status	PASSED	Edit Status
Comments	CHANGED		
	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27877) has order entry <2 for EMAPA:27853>		

Modified Component 366			
ID	EMAPA:27883	Is Group Term	false
Name	proximal segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[lower limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 366			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27883) has order entry <3 for EMAPA:27853>		

Modified Component 367			
ID	EMAPA:27865	Is Group Term	false
Name	renal connecting tubule of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), renal connecting tubule of s-		

Modified Component 367			
	shaped body(EMAPA:27865)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:27865 has name [renal connecting tubule]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27865) has order entry <0 for EMAPA:27853>		

Modified Component 368			
ID	EMAPA:27871	Is Group Term	false
Name	distal segment of s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-shaped body]		
Group Parents			
Synonyms	[upper limb of s-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27871) has order entry <1 for EMAPA:27853>		

Modified Component 369			

Modified Component 369			
ID	EMAPA:27853	Is Group Term	false
Name	s-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:17952[renal cortex] EMAPA:28500[early tubule]		
Group Parents			
Synonyms	[stage II nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27853) has order entry <1 for EMAPA:28500>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27853) has order entry <2 for EMAPA:17952>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27853) has order entry <6 for EMAPA:17954>		

Modified Component 370			
ID	EMAPA:27841	Is Group Term	false
Name	upper limb of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[distal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 370			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), upper limb of comma-shaped body(EMAPA:27841)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27841) has order entry <0 for EMAPA:27835>		

Modified Component 371			
ID	EMAPA:27847	Is Group Term	false
Name	lower limb of comma-shaped body		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[proximal limb of comma-shaped body]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835), lower limb of comma-shaped body(EMAPA:27847)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 371			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27847) has order entry <1 for EMAPA:27835>		

Modified Component 372			
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]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), comma-shaped body(EMAPA:27835)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27835)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:27835) has order entry <1 for EMAPA:17952> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:27835) has order entry <4 for EMAPA:17954>		

Modified Component 373			
ID	EMAPA:30522	Is Group Term	false
Name	tunica albuginea of ovary		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[ovarian capsule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), tunica albuginea of ovary(EMAPA:30522)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 373			
	system(EMAPA:17959), ovary(EMAPA:17962), tunica albuginea of ovary(EMAPA:30522)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30522) has order entry <1 for EMAPA:17962>		

Modified Component 374			
ID	EMAPA:30528	Is Group Term	false
Name	cranial mesonephric tubule of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29148[mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30528) has order entry <0 for EMAPA:29148>		

Modified Component 375			
ID	EMAPA:29274	Is Group Term	false
Name	epithelium of ductus deferens		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 375			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29274) has order entry <0 for EMAPA:18681>		

Modified Component 376			
ID	EMAPA:29270	Is Group Term	false
Name	muscle layer of ductus deferens		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29270) has order entry <1 for EMAPA:18681>		

Modified Component 377			
ID	EMAPA:30536	Is Group Term	false
Name	rest of cranial mesonephric tubule of male		
Starts At	TS20	Ends At	TS22

Modified Component 377			
Primary Parents	EMAPA:30528[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), rest of cranial mesonephric tubule of male(EMAPA:30536)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), rest of cranial mesonephric tubule of male(EMAPA:30536)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30536) has order entry <1 for EMAPA:30528>		

Modified Component 378			
ID	EMAPA:30532	Is Group Term	false
Name	mesonephric glomerulus of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:30528[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), mesonephric glomerulus of male(EMAPA:30532)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), cranial mesonephric tubule of male(EMAPA:30528), mesonephric glomerulus of male(EMAPA:30532)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30532) has order entry <0 for EMAPA:30528>		

Modified Component 379			
ID	EMAPA:29288	Is Group Term	false
Name	glans penis		
Starts At	TS24	Ends At	TS24

Modified Component 379			
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29288) has order entry <5 for EMAPA:17969>		

Modified Component 380			
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		

Modified Component 380			
	system(EMAPA:17968), seminal vesicle(EMAPA:19180), rest of the seminal vesicle(EMAPA:29286)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29286) has order entry <6 for EMAPA:19180>		

Modified Component 381			
ID	EMAPA:29282	Is Group Term	false
Name	duct of the seminal vesicle		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), duct of the seminal vesicle(EMAPA:29282)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), duct of the seminal vesicle(EMAPA:29282)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29282) has order entry <3 for EMAPA:19180>		

Modified Component 382			
ID	EMAPA:30547	Is Group Term	false
Name	mesonephric glomerulus of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30544[cranial mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), mesonephric glomerulus of female(EMAPA:30547)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), mesonephric glomerulus of female(EMAPA:30547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 382			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:30547) has order entry <0 for EMAPA:30544>	

Modified Component 383			
ID	EMAPA:30544	Is Group Term	false
Name	cranial mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28919[mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30544) has order entry <0 for EMAPA:28919>		

Modified Component 384			
ID	EMAPA:30540	Is Group Term	false
Name	caudal mesonephric tubule of male		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29148[mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), caudal mesonephric tubule of male(EMAPA:30540)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), mesonephric tubule of male(EMAPA:29148), caudal mesonephric tubule of male(EMAPA:30540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30540) has order entry <1 for EMAPA:29148>		

Modified Component 385			
ID	EMAPA:30556	Is Group Term	false
Name	cranial mesonephric tubule of male		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30556) has order entry <3 for EMAPA:29138>		

Modified Component 386			
ID	EMAPA:30558	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:30556[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), rest of cranial mesonephric tubule(EMAPA:30558)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), rest of cranial mesonephric tubule(EMAPA:30558)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30558) has order entry <1 for EMAPA:30556>		

Modified Component 387			
ID	EMAPA:30553	Is Group Term	false
Name	caudal mesonephric tubule of female		
Starts At	TS20	Ends At	TS21

Modified Component 387			
Primary Parents	EMAPA:28919[mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), caudal mesonephric tubule of female(EMAPA:30553)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), caudal mesonephric tubule of female(EMAPA:30553)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30553) has order entry <1 for EMAPA:28919>		

Modified Component 388			
ID	EMAPA:30550	Is Group Term	false
Name	rest of cranial mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30544[cranial mesonephric tubule of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), rest of cranial mesonephric tubule of female(EMAPA:30550)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), rest of cranial mesonephric tubule of female(EMAPA:30550)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30550) has order entry <1 for EMAPA:30544>		

Modified Component 389			
ID	EMAPA:29226	Is Group Term	false
Name	mesenchyme of male preputial swelling		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		

Modified Component 389			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), mesenchyme of male preputial swelling(EMAPA:29226)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29226) has order entry <2 for EMAPA:29220>		
	3. Different Start Stage - Referenced Component EMAPA:29226 has Start Stage [TS22]		

Modified Component 390			
ID	EMAPA:29223	Is Group Term	false
Name	surface epithelium of male preputial swelling		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		
Group Parents			

Modified Component 390			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29223) has order entry <0 for EMAPA:29220>		
	3. Different Start Stage - Referenced Component EMAPA:29223 has Start Stage [TS22]		

Modified Component 391			
ID	EMAPA:29220	Is Group Term	false
Name	preputial swelling of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[prepuce of male]		

Modified Component 391			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29220) has order entry <6 for EMAPA:17969>		

Modified Component 392			
ID	EMAPA:16245	Is Group Term	false
Name	visceral organ		
Starts At	TS12	Ends At	TS28
Primary Parents	EMAPA:16103[organ system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 392	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16245) has order entry <0 for EMAPA:16103>

Modified Component 393			
ID	EMAPA:30509	Is Group Term	false
Name	labioscrotal swelling of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:30509) has order entry <2 for EMAPA:30977> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:30509) has order entry <23 for EMAPA:17968>		

Modified Component 394			
ID	EMAPA:29244	Is Group Term	false
Name	peritubular myoid cell		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), peritubular myoid cell(EMAPA:29244)]		

Modified Component 394			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), peritubular myoid cell(EMAPA:29244)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29244) has order entry <2 for EMAPA:18685>		

Modified Component 395			
ID	EMAPA:30502	Is Group Term	false
Name	preputial gland of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29220[preputial swelling of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of		

Modified Component 395			
	male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30502) has order entry <1 for EMAPA:29220>		
	3. Different Start Stage - Referenced Component EMAPA:30502 has Start Stage [TS22]		

Modified Component 396			
ID	EMAPA:29252	Is Group Term	false
Name	glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			
Synonyms	[distal genital tubercle of male, penis anlage]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 396	
	2. Different Name - Referenced Component EMAPA:29252 has name [glans of genital tubercle of male]
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29252) has order entry <4 for EMAPA:17969>
	4. Different Synonyms - Referenced Component EMAPA:29252 has synonyms [penis]

Modified Component 397			
ID	EMAPA:29254	Is Group Term	false
Name	mesenchyme of glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29252[glans of male genital tubercle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 397	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29254) has order entry <1 for EMAPA:29252>

Modified Component 398			
ID	EMAPA:29256	Is Group Term	false
Name	surface epithelium of glans of male genital tubercle		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:29252[glans of male genital tubercle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 398	
	order entries; Referenced Component (EMAPA:29256) has order entry <0 for EMAPA:29252>

Modified Component 399			
<i>ID</i>	EMAPA:30515	<i>Is Group Term</i>	false
<i>Name</i>	surface epithelium of labioscrotal swelling of male		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:30509[labioscrotal swelling of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]		
<i>Alternate Paths</i>	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), surface epithelium of labioscrotal swelling of male(EMAPA:30515)]</p>		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	<p>1.</p> <p>2. Different Order - This component has no order entries; Referenced Component (EMAPA:30515) has order entry <0 for EMAPA:30509></p>		

Modified Component 400			
<i>ID</i>	EMAPA:30512	<i>Is Group Term</i>	false
<i>Name</i>	mesenchyme of labioscrotal swelling of male		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:30509[labioscrotal swelling of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 400			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30512) has order entry <1 for EMAPA:30509>		

Modified Component 401			
ID	EMAPA:29202	Is Group Term	false
Name	mesenchyme of degenerating rest of paramesonephric duct of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:29196[degenerating rest of paramesonephric duct of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), mesenchyme of degenerating rest of paramesonephric duct of male(EMAPA:29202)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), mesenchyme of degenerating rest of paramesonephric duct of male(EMAPA:29202)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29202) has order entry <1 for EMAPA:29196>		

Modified Component 402			
ID	EMAPA:29207	Is Group Term	false
Name	mesenchyme of distal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:29205[distal genital tubercle of male]		

Modified Component 402			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), mesenchyme of distal genital tubercle of male(EMAPA:29207)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29207) has order entry <1 for EMAPA:29205>		
	3. Different Start Stage - Referenced Component EMAPA:29207 has Start Stage [TS22]		

Modified Component 403			
ID	EMAPA:29205	Is Group Term	false
Name	distal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:17969[genital tubercle of male]		
Group Parents			

Modified Component 403			
Synonyms	[glans of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29205) has order entry <3 for EMAPA:17969>		
	3. Different Start Stage - Referenced Component EMAPA:29205 has Start Stage [TS22]		

Modified Component 404			
ID	EMAPA:29209	Is Group Term	false
Name	surface epithelium of distal genital tubercle of male		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:29205[distal genital tubercle of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 404			
	system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29209) has order entry <0 for EMAPA:29205>		
	3. Different Start Stage - Referenced Component EMAPA:29209 has Start Stage [TS22]		

Modified Component 405			
ID	EMAPA:28518	Is Group Term	true
Name	renal interstitium group		
Starts At	TS21	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518)]		

Modified Component 405			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28518) has order entry <26 for EMAPA:17373>		
	3. Different Start Stage - Referenced Component EMAPA:28518 has Start Stage [TS22]		

Modified Component 406			
ID	EMAPA:30560	Is Group Term	false
Name	mesonephric glomerulus of male		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:30556[cranial mesonephric tubule of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), mesonephric glomerulus of male(EMAPA:30560)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), cranial mesonephric tubule of male(EMAPA:30556), mesonephric glomerulus of male(EMAPA:30560)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30560) has order entry <0 for EMAPA:30556>		

Modified Component 407			
ID	EMAPA:30562	Is Group Term	false
Name	cranial mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27588[mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial		

Modified Component 407			
	mesonephric tubule(EMAPA:30562)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30562) has order entry <0 for EMAPA:27588>		

Modified Component 408			
ID	EMAPA:30565	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:30562[cranial mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), rest of cranial mesonephric tubule(EMAPA:30565)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), rest of cranial mesonephric tubule(EMAPA:30565)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30565) has order entry <1 for EMAPA:30562>		

Modified Component 409			
ID	EMAPA:30568	Is Group Term	false
Name	mesonephric glomerulus		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:30562[cranial mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), mesonephric glomerulus(EMAPA:30568)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), cranial mesonephric tubule(EMAPA:30562), mesonephric glomerulus(EMAPA:30568)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30568)		

Modified Component 409			
		has order entry <0 for EMAPA:30562>	

Modified Component 410			
ID	EMAPA:30571	Is Group Term	false
Name	caudal mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27588[mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), caudal mesonephric tubule(EMAPA:30571)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588), caudal mesonephric tubule(EMAPA:30571)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30571) has order entry <1 for EMAPA:27588>		

Modified Component 411			
ID	EMAPA:28506	Is Group Term	true
Name	developing capillary loop stage nephron GROUP		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[stage III nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:28506 has name [developing capillary loop stage]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28506) has order entry <14 for EMAPA:17952>		

Modified Component 412			
ID	EMAPA:30576	Is Group Term	false

Modified Component 412			
Name	cranial mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27659[mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30576) has order entry <0 for EMAPA:27659>		

Modified Component 413			
ID	EMAPA:30574	Is Group Term	false
Name	caudal mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27659[mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), caudal mesonephric tubule(EMAPA:30574)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), caudal mesonephric tubule(EMAPA:30574)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30574) has order entry <1 for EMAPA:27659>		

Modified Component 414			
ID	EMAPA:30578	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:30576[cranial mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 414			
	system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), rest of cranial mesonephric tubule(EMAPA:30578)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), rest of cranial mesonephric tubule(EMAPA:30578)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30578) has order entry <1 for EMAPA:30576>		

Modified Component 415			
ID	EMAPA:30580	Is Group Term	false
Name	mesonephric glomerulus		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:30576[cranial mesonephric tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), mesonephric glomerulus(EMAPA:30580)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), mesonephros(EMAPA:27644), mesonephric tubule(EMAPA:27659), cranial mesonephric tubule(EMAPA:30576), mesonephric glomerulus(EMAPA:30580)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30580) has order entry <0 for EMAPA:30576>		

Modified Component 416			
ID	EMAPA:28500	Is Group Term	true
Name	early tubule		
Starts At	TS22	Ends At	TS27
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early		

Modified Component 416			
	tubule(EMAPA:28500)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28500) has order entry <13 for EMAPA:17952>		

Modified Component 417			
ID	EMAPA:28555	Is Group Term	false
Name	urethral plate		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral plate(EMAPA:28555)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral plate(EMAPA:28555)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28555) has order entry <19 for EMAPA:17366>		

Modified Component 418			
ID	EMAPA:27925	Is Group Term	false
Name	associated interstitium of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), associated interstitium of renal corpuscle(EMAPA:27925)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 418			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), associated interstitium of renal corpuscle(EMAPA:27925)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), associated interstitium of renal corpuscle(EMAPA:27925)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27925) has order entry <0 for EMAPA:27907>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27925) has order entry <1 for EMAPA:28518>		

Modified Component 419			
ID	EMAPA:28547	Is Group Term	false
Name	allantois		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), allantois(EMAPA:28547)]		

Modified Component 419			
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), allantois(EMAPA:28547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28547) has order entry <8 for EMAPA:17366>		

Modified Component 420			
ID	EMAPA:28561	Is Group Term	false
Name	subepithelial layer		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive lamina propria]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), subepithelial layer(EMAPA:28561)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), subepithelial layer(EMAPA:28561)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28561) has order entry <0 for EMAPA:27711>		

Modified Component 421			
ID	EMAPA:27913	Is Group Term	false
Name	visceral epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 421			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27913) has order entry <4 for EMAPA:27907>		

Modified Component 422			
ID	EMAPA:27919	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), parietal		

Modified Component 422			
	epithelium(EMAPA:27919)]		
	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), parietal epithelium(EMAPA:27919)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), parietal epithelium(EMAPA:27919)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27919) has order entry <1 for EMAPA:27907>		

Modified Component 423			
ID	EMAPA:28533	Is Group Term	true
Name	male associated reproductive structure		
Starts At	TS23	Ends At	TS23
Primary Parents			
Group Parents	EMAPA:17968[male reproductive system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 423			
	system(EMAPA:17968), male associated reproductive structure(EMAPA:28533)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28533) has order entry <26 for EMAPA:17968>		

Modified Component 424			
ID	EMAPA:27943	Is Group Term	false
Name	maturing renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28527[late tubule] EMAPA:28445[stage IV immature nephron] EMAPA:28485[maturing nephron] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[renal corpuscle of Stage IV nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943)]		

Modified Component 424			
	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)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <0 for EMAPA:28445>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <0 for EMAPA:28485>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <1 for EMAPA:28527>		
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <4 for EMAPA:17952>		
	6. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <9 for EMAPA:17954>		

Modified Component 425			
ID	EMAPA:28527	Is Group Term	true
Name	late tubule		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28527) has order entry <16 for EMAPA:17952>		

Modified Component 426			
ID	EMAPA:27949	Is Group Term	false
Name	maturing glomerular tuft		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle]		

Modified Component 426	
Group Parents	
Synonyms	[maturing glomerulus]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949)]

Modified Component 426			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27949) has order entry <0 for EMAPA:27943>		

Modified Component 427			
ID	EMAPA:28540	Is Group Term	true
Name	female associated reproductive structure		
Starts At	TS23	Ends At	TS23
Primary Parents			
Group Parents	EMAPA:17959[female reproductive system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28540) has order entry <20 for EMAPA:17959>		

Modified Component 428			
ID	EMAPA:27931	Is Group Term	false
Name	presumptive mesangium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27907[capillary loop renal corpuscle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), presumptive mesangium(EMAPA:27931)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		

Modified Component 428			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), presumptive mesangium(EMAPA:27931)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27931) has order entry <2 for EMAPA:28518>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27931) has order entry <3 for EMAPA:27907>		

Modified Component 429			
ID	EMAPA:27937	Is Group Term	false
Name	presumptive endothelium of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27907[capillary loop renal corpuscle] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[]		

Modified Component 429

Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),

Modified Component 429			
	renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907), presumptive endothelium of renal corpuscle(EMAPA:27937)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27937) has order entry <2 for EMAPA:27907>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27937) has order entry <4 for EMAPA:28457>		

Modified Component 430			
ID	EMAPA:28570	Is Group Term	false
Name	outer layer		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive adventitia]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28570) has order entry <3 for EMAPA:27711>		

Modified Component 431			
ID	EMAPA:27907	Is Group Term	false
Name	capillary loop renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:17952[renal cortex] EMAPA:28506[developing capillary loop stage nephron GROUP] EMAPA:28527[late tubule]		
Group Parents			
Synonyms	[renal corpuscle of the stage III nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 431			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <0 for EMAPA:28506>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <0 for EMAPA:28527>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <3 for EMAPA:17952>		
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <8 for EMAPA:17954>		

Modified Component 432			
ID	EMAPA:28567	Is Group Term	false
Name	middle layer		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive ureteral smooth muscle layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 432			
	organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28567) has order entry <1 for EMAPA:27711>		

Modified Component 433			
ID	EMAPA:27901	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27883[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 433	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27901) has order entry <1 for EMAPA:27883>

Modified Component 434			
ID	EMAPA:28588	Is Group Term	false
Name	superficial cellular layer		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[urothelium]		
Group Parents			
Synonyms	[umbrella cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), superficial cellular layer(EMAPA:28588)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), superficial cellular layer(EMAPA:28588)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28588) has order entry <0 for EMAPA:28089>		

Modified Component 435			
ID	EMAPA:27967	Is Group Term	false
Name	visceral epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 435			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27967) has order entry <2 for EMAPA:27949>		

Modified Component 436			
ID	EMAPA:29196	Is Group Term	false
Name	degenerating rest of paramesonephric duct of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			

Modified Component 436			
<i>Synonyms</i>	[degenerating Mllerian duct]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29196) has order entry <1 for EMAPA:17968>		
	3. Different Synonyms - Referenced Component EMAPA:29196 has synonyms [degenerating Müllerian duct]		

Modified Component 437			
<i>ID</i>	EMAPA:29199	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of degenerating rest of paramesonephric duct of male		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS23
<i>Primary Parents</i>	EMAPA:29196[degenerating rest of paramesonephric duct of male]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), degenerating rest of paramesonephric duct of male(EMAPA:29196), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29199) has order entry <0 for EMAPA:29196>		

Modified Component 438			
<i>ID</i>	EMAPA:27955	<i>Is Group Term</i>	false
<i>Name</i>	glomerular capillary system of maturing glomerular tuft		
<i>Starts At</i>	TS22	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:28457[renal vasculature] EMAPA:27949[maturing glomerular tuft] EMAPA:31469[small blood vessels]		
<i>Group Parents</i>			

Modified Component 438	
Synonyms	[]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),

Modified Component 438			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
	15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27955) has order entry <0 for EMAPA:27949>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27955) has order entry <1 for EMAPA:28457>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27955) has order entry <5 for EMAPA:31469>		

Modified Component 439			
ID	EMAPA:29181	Is Group Term	false
Name	epithelium of rest of nephric duct of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29173[nephric duct of male, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 439			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29181) has order entry <0 for EMAPA:29173>		

Modified Component 440			
ID	EMAPA:27961	Is Group Term	false
Name	glomerular mesangium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:27961)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 440			
	metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:27961)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27961) has order entry <1 for EMAPA:27949>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27961) has order entry <3 for EMAPA:28518>		

Modified Component 441			
ID	EMAPA:29185	Is Group Term	false
Name	paramesonephric duct of male, rest of		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			

Modified Component 441			
<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), paramesonephric duct of male, rest of(EMAPA:29185)]		
<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), paramesonephric duct of male, rest of(EMAPA:29185)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29185) has order entry <2 for EMAPA:17968>		

Modified Component 442			
<i>ID</i>	EMAPA:29187	<i>Is Group Term</i>	false
<i>Name</i>	epithelium of rest of paramesonephric duct of male		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:29185[paramesonephric duct of male, rest of]		
<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), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]		
<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), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29187) has order entry <0 for EMAPA:29185>		

Modified Component 443			
<i>ID</i>	EMAPA:29189	<i>Is Group Term</i>	false
<i>Name</i>	mesenchyme of rest of paramesonephric duct of male		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:29185[paramesonephric duct of male, rest of]		
<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), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]		

Modified Component 443			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29189) has order entry <1 for EMAPA:29185>		

Modified Component 444			
ID	EMAPA:27985	Is Group Term	false
Name	urinary space of renal corpuscle		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[Bowman's space]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		

Modified Component 444			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27985) has order entry <1 for EMAPA:27973>		

Modified Component 445			
ID	EMAPA:27991	Is Group Term	false
Name	juxtaglomerular arteriole		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 445

organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular

Modified Component 445			
	arteriole(EMAPA:27991)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27991) has order entry <2 for EMAPA:27943>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27991) has order entry <2 for EMAPA:28457>		

Modified Component 446			
ID	EMAPA:27979	Is Group Term	false
Name	parietal epithelium		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 446			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27979) has order entry <0 for EMAPA:27973>		

Modified Component 447			
ID	EMAPA:27973	Is Group Term	false
Name	Bowman's capsule		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle]		
Group Parents			
Synonyms	[glomerular capsule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 447			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)]		
	Rule Status	PASSED	Edit Status
	Comments	1.	
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:27973) has order entry <1 for EMAPA:27943>	

Modified Component 448			
ID	EMAPA:16745	Is Group Term	false
Name	associated mesenchyme		
Starts At	TS15	Ends At	TS16
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), associated mesenchyme(EMAPA:16745)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 448			
	visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), associated mesenchyme(EMAPA:16745)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16745) has order entry <2 for EMAPA:16744>		

Modified Component 449			
ID	EMAPA:16744	Is Group Term	false
Name	mesonephros		
Starts At	TS15	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16744) has order entry <7 for EMAPA:16367>		

Modified Component 450			
ID	EMAPA:16747	Is Group Term	false
Name	tubule		
Starts At	TS15	Ends At	TS16
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), tubule(EMAPA:16747)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), tubule(EMAPA:16747)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16747) has order entry <1 for EMAPA:16744>		

Modified Component 451			
ID	EMAPA:16746	Is Group Term	false

Modified Component 451			
Name	non-tubular part		
Starts At	TS15	Ends At	TS16
Primary Parents	EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), non-tubular part(EMAPA:16746)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), non-tubular part(EMAPA:16746)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16746) has order entry <0 for EMAPA:16744>		

Modified Component 452			
ID	EMAPA:31003	Is Group Term	true
Name	adventita of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31003) has order entry <5 for EMAPA:18986>		

Modified Component 453			
ID	EMAPA:28491	Is Group Term	true
Name	mature nephron		
Starts At	TS25	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]		

Modified Component 453			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28491) has order entry <22 for EMAPA:17373>		

Modified Component 454			
ID	EMAPA:28494	Is Group Term	true
Name	ureteric trunk		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:28407[collecting duct] EMAPA:17373[metanephros]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28494) has order entry <2 for EMAPA:28407>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28494) has order entry <25 for EMAPA:17373>		

Modified Component 455			
ID	EMAPA:28485	Is Group Term	true
Name	maturing nephron		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17952[renal cortex]		
Synonyms	[stage IV nephron]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal		

Modified Component 455			
	cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28485) has order entry <15 for EMAPA:17952>		

Modified Component 456			
ID	EMAPA:28477	Is Group Term	true
Name	primitive collecting duct group		
Starts At	TS21	Ends At	TS21
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28477) has order entry <23 for EMAPA:17373>		

Modified Component 457			
ID	EMAPA:28457	Is Group Term	true
Name	renal vasculature		
Starts At	TS21	Ends At	TS28
Primary Parents	JFA:0001008[developing vasculature of urinary system GROUP]		
Group Parents	EMAPA:17366[urinary system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457)]		

Modified Component 457			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28457) has order entry <21 for EMAPA:17366>		
	3. Different Parents - Referenced Component EMAPA:28457 has parents []		

Modified Component 458			
ID	EMAPA:28445	Is Group Term	true
Name	stage IV immature nephron		
Starts At	TS22	Ends At	TS22
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28445) has order entry <21 for EMAPA:17373>		

Modified Component 459			
ID	EMAPA:28425	Is Group Term	true
Name	nephric duct group		
Starts At	TS17	Ends At	TS18
Primary Parents			
Group Parents	EMAPA:16367[genitourinary system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28425) has order entry <17 for EMAPA:16367>		

Modified Component 460			
ID	EMAPA:28429	Is Group Term	true
Name	nephric duct group		
Starts At	TS19	Ends At	TS19
Primary Parents			
Group Parents	EMAPA:16245[visceral organ]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), nephric duct group(EMAPA:28429)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28429) has order entry <3 for EMAPA:16245>		

Modified Component 461			
ID	EMAPA:28407	Is Group Term	true
Name	collecting duct		
Starts At	TS22	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[ureteric tree]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28407) has order entry <24 for EMAPA:17373>		

Modified Component 462			
ID	EMAPA:28402	Is Group Term	false
Name	postmacula segment		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28396[distal straight tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal		

Modified Component 462	
	tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(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(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(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(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(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(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(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(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(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(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(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(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(EMAPA:28402)]</p>

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9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

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(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

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

Modified Component 462

stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]

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

Modified Component 462			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28402) has order entry <2 for EMAPA:28396>		

Modified Component 463			
ID	EMAPA:28405	Is Group Term	false
Name	ureteric trunk		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17373[metanephros] EMAPA:28477[primitive collecting duct group]		
Group Parents			
Synonyms	[ureteric stalk]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28405) has order entry <1 for EMAPA:28477>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28405)		

Modified Component 463	
	has order entry <15 for EMAPA:17373>

Modified Component 464			
<i>ID</i>	EMAPA:28387	<i>Is Group Term</i>	false
<i>Name</i>	renal distal tubule		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18976[cortical renal 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)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 464			
	system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28387) has order entry <4 for EMAPA:18976>		

Modified Component 465			
ID	EMAPA:28376	Is Group Term	false
Name	renal vein		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:31450[renal venous system] EMAPA:28457[renal vasculature] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 465			
	developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28376) has order entry <0 for EMAPA:31450>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28376) has order entry <4 for EMAPA:17366>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28376) has order entry <6 for EMAPA:28457>		

Modified Component 466			
ID	EMAPA:28373	Is Group Term	false
Name	renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:31436[renal arterial system] EMAPA:28457[renal vasculature] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 466			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28373) has order entry <0 for EMAPA:31436>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28373) has order entry <3 for EMAPA:17366>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28373) has order entry <5 for EMAPA:28457>		

Modified Component 467			
ID	EMAPA:28370	Is Group Term	false
Name	inner medullary collecting duct		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28349[inner medulla] EMAPA:28494[ureteric trunk]		
Group Parents			
Synonyms	[papillary collecting duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary collecting duct(EMAPA:28370)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 467			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary collecting duct(EMAPA:28370)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28370) has order entry <2 for EMAPA:28349>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28370) has order entry <3 for EMAPA:28494>		

Modified Component 468			
ID	EMAPA:16858	Is Group Term	false
Name	gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16858) has order entry <1 for EMAPA:16857>		

Modified Component 469			
ID	EMAPA:16859	Is Group Term	false
Name	primordial germ cells		
Starts At	TS16	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary		

Modified Component 469			
	system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16859) has order entry <2 for EMAPA:16857>		

Modified Component 470			
ID	EMAPA:16857	Is Group Term	false
Name	gonad		
Starts At	TS16	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[gonad primordium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16857) has order entry <5 for EMAPA:16367>		

Modified Component 471			
ID	EMAPA:28396	Is Group Term	false
Name	distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	JFA:0001013[cortical renal tubule of mature nephron GROUP] EMAPA:28387[renal distal tubule]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

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organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), mature
nephron(EMAPA:28491), cortical renal
tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal straight
tubule(EMAPA:28396)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), stage IV immature
nephron(EMAPA:28445), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396)]

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

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), developing capillary loop
stage nephron GROUP(EMAPA:28506), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396)]

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

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), late tubule(EMAPA:28527),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
straight tubule(EMAPA:28396)]

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

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
straight tubule(EMAPA:28396)]

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

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

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cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]

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

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]

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

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]

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

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]

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

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

Modified Component 471			
	tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]		
	21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]		
	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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28396) has order entry <2 for EMAPA:28387>		
	3. Different Parents - Referenced Component EMAPA:28396 has parents [EMAPA:28387]		

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<i>ID</i>	EMAPA:28399	<i>Is Group Term</i>	false
<i>Name</i>	macula densa		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28396[distal straight tubule] EMAPA:30449[juxtaglomerular complex]		
<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), macula densa(EMAPA:28399)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), macula densa(EMAPA:28399)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral 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(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

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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(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), 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(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

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

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system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), macula densa(EMAPA:28399)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]

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

Modified Component 472			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	28. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	29. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28399) has order entry <1 for EMAPA:28396>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28399) has order entry <1 for EMAPA:30449>		

Modified Component 473			
ID	EMAPA:28393	Is Group Term	false
Name	distal convoluted tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28387[renal distal tubule] JFA:0001013[cortical renal tubule of mature nephron GROUP]		
Group Parents			
Synonyms	[second convoluted tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal		

Modified Component 473

tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), stage IV immature
nephron(EMAPA:28445), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal
convoluted tubule(EMAPA:28393)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), stage IV immature
nephron(EMAPA:28445), cortical renal
tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), developing capillary loop
stage nephron GROUP(EMAPA:28506), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal
convoluted tubule(EMAPA:28393)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), developing capillary loop
stage nephron GROUP(EMAPA:28506), cortical renal
tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), late tubule(EMAPA:28527),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
convoluted tubule(EMAPA:28393)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), late tubule(EMAPA:28527),
cortical renal tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(JFA:0001013), distal
convoluted tubule(EMAPA:28393)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), cortical renal
tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal

Modified Component 473

convoluted tubule(EMAPA:28393)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]

Modified Component 473			
	21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal convoluted tubule(EMAPA:28393)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28393) has order entry <1 for EMAPA:28387>		
	3. Different Parents - Referenced Component EMAPA:28393 has parents [EMAPA:28387]		

Modified Component 474			
ID	EMAPA:28390	Is Group Term	false
Name	early distal tubule		

Modified Component 474			
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28387[renal distal tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

Modified Component 474			
	stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28390) has order entry <0 for EMAPA:28387>		

Modified Component 475			
ID	EMAPA:28337	Is Group Term	false
Name	outer medullary interstitium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 475			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28337) has order entry <1 for EMAPA:28310>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28337) has order entry <8 for EMAPA:28518>		

Modified Component 476			
ID	EMAPA:28346	Is Group Term	false
Name	outer medullary collecting duct		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28310[outer medulla] EMAPA:28494[ureteric trunk]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 476			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28346) has order entry <2 for EMAPA:28494>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28346) has order entry <4 for EMAPA:28310>		

Modified Component 477			
ID	EMAPA:17948	Is Group Term	false
Name	pelvis		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17948) has order entry <19 for EMAPA:17373>		

Modified Component 478			
ID	EMAPA:28325	Is Group Term	false
Name	thin descending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		

Modified Component 478			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin descending limb(EMAPA:28325)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28325) has order entry <0 for EMAPA:28322>		

Modified Component 479			
ID	EMAPA:28328	Is Group Term	false
Name	thin ascending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[ascending thin limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		

Modified Component 479			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28328) has order entry <1 for EMAPA:28322>		

Modified Component 480			
ID	EMAPA:17950	Is Group Term	false
Name	ureter		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17950) has order entry <7 for EMAPA:17366>		

Modified Component 481			
ID	EMAPA:28331	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop of Henle, outer medullary portion]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 481			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28331) has order entry <3 for EMAPA:28322>		

Modified Component 482			
ID	EMAPA:28358	Is Group Term	false
Name	bend		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		
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), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 482			
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28358) has order entry <1 for EMAPA:28352>		

Modified Component 483			
ID	EMAPA:28364	Is Group Term	false
Name	inner medullary interstitium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28349[inner medulla] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[papillary interstitium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364)]		
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)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 483			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28364) has order entry <1 for EMAPA:28349>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28364) has order entry <9 for EMAPA:28518>		

Modified Component 484			
ID	EMAPA:28361	Is Group Term	false
Name	thin ascending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		
Group Parents			
Synonyms	[ascending thin limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		

Modified Component 484			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28361) has order entry <2 for EMAPA:28352>		

Modified Component 485			
ID	EMAPA:28349	Is Group Term	false
Name	inner medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[papilla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28349) has order entry <5 for EMAPA:19279>		

Modified Component 486			
ID	EMAPA:28352	Is Group Term	false
Name	loop of Henle, inner medullary portion		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19280[Loop of Henle group] EMAPA:28349[inner medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 486			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]		
	Rule Status	PASSED	Edit Status
Comments	CHANGED		
	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28352) has order entry <0 for EMAPA:28349>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28352) has order entry <1 for EMAPA:19280>		

Modified Component 487			
ID	EMAPA:28355	Is Group Term	false
Name	thin descending limb		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop of Henle, inner medullary portion]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		

Modified Component 487			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28355) has order entry <0 for EMAPA:28352>		

Modified Component 488			
ID	EMAPA:17975	Is Group Term	false
Name	germ cell of the testis		
Starts At	TS20	Ends At	TS22
Primary Parents	EMAPA:29098[primary sex cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), germ cell of the testis(EMAPA:17975)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), primary sex cord(EMAPA:29098), germ cell of the testis(EMAPA:17975)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17975) has order entry <1 for EMAPA:29098>		

Modified Component 489			
ID	EMAPA:17953	Is Group Term	false
Name	nephrogenic interstitium		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27721[nephrogenic zone]		
Group Parents			
Synonyms	[peripheral blastema]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic		

Modified Component 489			
	zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17953) has order entry <0 for EMAPA:27721>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17953) has order entry <0 for EMAPA:28518>		

Modified Component 490			
ID	EMAPA:17952	Is Group Term	false
Name	renal cortex		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17952) has order entry <16 for EMAPA:17373>		

Modified Component 491			
ID	EMAPA:17954	Is Group Term	true
Name	early nephron GROUP		
Starts At	TS20	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17373[metanephros]		
Synonyms	[]		

Modified Component 491			
Primary Path	[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)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:17954 has name [early tubule]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17954) has order entry <20 for EMAPA:17373>		
	4. Different Synonyms - Referenced Component EMAPA:17954 has synonyms [early tubule]		

Modified Component 492			
ID	EMAPA:17956	Is Group Term	false
Name	phallic urethra of male		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[external urethra of male]		
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)]		
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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17956) has order entry <2 for EMAPA:18692>		

Modified Component 493			
ID	EMAPA:17959	Is Group Term	false
Name	female reproductive system		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 493			
	system(EMAPA:17959)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17959) has order entry <4 for EMAPA:17381>		

Modified Component 494			
ID	EMAPA:17961	Is Group Term	false
Name	mesovarium		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:28540[female associated reproductive structure] EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesovarium(EMAPA:17961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), mesovarium(EMAPA:17961)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), mesovarium(EMAPA:17961)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesovarium(EMAPA:17961)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17961) has order entry <0 for EMAPA:28540>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17961) has order entry <4 for EMAPA:17959>		

Modified Component 495			
ID	EMAPA:28322	Is Group Term	false
Name	loop of Henle, outer medullary portion		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19280[Loop of Henle group] EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary		

Modified Component 495			
	portion(EMAPA:28322)]		
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), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]</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), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]</p> <p>4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322)]</p> <p>5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1.</p> <p>2. Different Order - This component has no order entries; Referenced Component (EMAPA:28322) has order entry <0 for EMAPA:19280></p> <p>3. Different Order - This component has no order entries; Referenced Component (EMAPA:28322) has order entry <0 for EMAPA:28310></p>		

Modified Component 496			
ID	EMAPA:17962	Is Group Term	false
Name	ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1.</p> <p>2. Different Order - This component has no</p>		

Modified Component 496	
	order entries; Referenced Component (EMAPA:17962) has order entry <3 for EMAPA:17959>

Modified Component 497			
ID	EMAPA:17966	Is Group Term	false
Name	rete ovarii of ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), rete ovarii of ovary(EMAPA:17966)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), rete ovarii of ovary(EMAPA:17966)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17966) has order entry <15 for EMAPA:17962>		

Modified Component 498			
ID	EMAPA:17965	Is Group Term	false
Name	germ cell of ovary		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[oogonia, premeiotic germ cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17965) has order entry <3 for EMAPA:17962>		

Modified Component 499			
ID	EMAPA:17963	Is Group Term	false
Name	surface epithelium of ovary		
Starts At	TS20	Ends At	TS28

Modified Component 499			
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[coelomic epithelium]		
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), surface epithelium of ovary(EMAPA:17963)]		
Alternate 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), surface epithelium of ovary(EMAPA:17963)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17963) has order entry <0 for EMAPA:17962>		

Modified Component 500			
ID	EMAPA:17969	Is Group Term	false
Name	genital tubercle of male		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[penis anlage]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 500			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <0 for EMAPA:28533>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <0 for EMAPA:30977>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <20 for EMAPA:17968>		

Modified Component 501			
ID	EMAPA:17968	Is Group Term	false
Name	male reproductive system		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17968) has order entry <2 for EMAPA:17381>		

Modified Component 502			
ID	EMAPA:28310	Is Group Term	false
Name	outer medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 502			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:28310) has order entry <4 for EMAPA:19279>	

Modified Component 503			
ID	EMAPA:17972	Is Group Term	false
Name	testis		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17972) has order entry <4 for EMAPA:17968>		

Modified Component 504			
ID	EMAPA:17973	Is Group Term	false
Name	coelomic epithelium of testis		
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), coelomic epithelium of testis(EMAPA:17973)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), coelomic epithelium of testis(EMAPA:17973)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17973) has order entry <0 for EMAPA:17972>		

Modified Component 505			
ID	EMAPA:17970	Is Group Term	false
Name	nephric duct of male, mesonephric portion		
Starts At	TS20	Ends At	TS23

Modified Component 505			
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[mesonephric duct of male, mesonephric portion, Wolffian duct of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), nephric duct of male, mesonephric portion(EMAPA:17970)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), nephric duct of male, mesonephric portion(EMAPA:17970)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17970) has order entry <0 for EMAPA:29138>		

Modified Component 506			
ID	EMAPA:17971	Is Group Term	false
Name	mesorchium		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:28533[male associated reproductive structure] 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), mesorchium(EMAPA:17971)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesorchium(EMAPA:17971)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17971) has order entry <1 for EMAPA:28533>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17971) has order entry <19 for EMAPA:17968>		

Modified Component 507			
<i>ID</i>	EMAPA:30037	<i>Is Group Term</i>	false
<i>Name</i>	renal cortical capillary		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28142[renal cortical vasculature] EMAPA:31443[renal capillaries] EMAPA:31469[small blood vessels]		
<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), renal cortical vasculature(EMAPA:28142), renal cortical capillary(EMAPA:30037)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal cortical capillary(EMAPA:30037)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal cortical capillary(EMAPA:30037)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal cortical capillary(EMAPA:30037)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal cortical capillary(EMAPA:30037)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical capillary(EMAPA:30037)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30037) has order entry <0 for EMAPA:31469>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30037) has order entry <1 for EMAPA:31443>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:30037) has order entry <2 for EMAPA:28142>		

Modified Component 508			
<i>ID</i>	EMAPA:31235	<i>Is Group Term</i>	true
<i>Name</i>	developing vasculature system of epididymis		
<i>Starts At</i>	TS24	<i>Ends At</i>	TS27
<i>Primary Parents</i>			

Modified Component 508			
Group Parents	EMAPA:19290[epididymis]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31235) has order entry <11 for EMAPA:19290>		

Modified Component 509			
ID	EMAPA:30031	Is Group Term	false
Name	glomerular mesangium of Bowman's capsule		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27973[Bowman's capsule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's		

Modified Component 509			
	capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30031) has order entry <2 for EMAPA:27973>		

Modified Component 510			
ID	EMAPA:30801	Is Group Term	false
Name	vasculature of bulbourethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbourethral gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), vasculature of bulbourethral gland(EMAPA:30801)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 510			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), vasculature of bulbourethral gland(EMAPA:30801)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30801) has order entry <2 for EMAPA:19286>		

Modified Component 511			
ID	EMAPA:30809	Is Group Term	false
Name	vasculature of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), vasculature of oviduct(EMAPA:30809)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), vasculature of oviduct(EMAPA:30809)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30809) has order entry <5 for EMAPA:18984>		

Modified Component 512			
ID	EMAPA:30807	Is Group Term	false
Name	vasculature of penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682),		

Modified Component 512			
	vasculature of penis(EMAPA:30807)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30807) has order entry <3 for EMAPA:18682>		

Modified Component 513			
ID	EMAPA:28281	Is Group Term	false
Name	renal proximal tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18976[cortical renal tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron		

Modified Component 513			
	GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28281) has order entry <1 for EMAPA:18976>		

Modified Component 514			
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	[]		

Modified Component 514			
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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30805) has order entry <3 for EMAPA:19287>		

Modified Component 515			
ID	EMAPA:28284	Is Group Term	false
Name	early proximal tubule		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28281[renal proximal tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		

Modified Component 515

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

Rule Status

PASSED

Edit Status

CHANGED

Modified Component 515	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28284) has order entry <0 for EMAPA:28281>

Modified Component 516			
ID	EMAPA:28287	Is Group Term	false
Name	renal proximal convoluted tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28281[renal proximal tubule] JFA:0001013[cortical renal tubule of mature nephron GROUP]		
Group Parents			
Synonyms	[first convoluted tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal		

Modified Component 516

tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]

Modified Component 516

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(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]

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

Modified Component 516			
	mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28287) has order entry <1 for EMAPA:28281>		
	3. Different Parents - Referenced Component EMAPA:28287 has parents [EMAPA:28281]		

Modified Component 517			
ID	EMAPA:31240	Is Group Term	false
Name	surface epithelium of testis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), surface epithelium of testis(EMAPA:31240)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), surface epithelium of testis(EMAPA:31240)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31240) has order entry <10 for EMAPA:17972>		

Modified Component 518			
ID	EMAPA:31247	Is Group Term	false
Name	follicle cell of primordial follicle		

Modified Component 518			
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:30755[primordial follicle]		
Group Parents			
Synonyms	[granulosa cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), follicle cell of primordial follicle(EMAPA:31247)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primordial follicle(EMAPA:30755), follicle cell of primordial follicle(EMAPA:31247)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Name - Referenced Component EMAPA:31247 has name [follicle cell]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31247) has order entry <2 for EMAPA:30755>		

Modified Component 519			
ID	EMAPA:30813	Is Group Term	false
Name	vasculature of vagina		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), vasculature of vagina(EMAPA:30813)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), vasculature of vagina(EMAPA:30813)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30813) has order entry <2 for EMAPA:18986>		

Modified Component 520			
ID	EMAPA:30811	Is Group Term	false
Name	vasculature of uterus		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29915[uterus]		
Group Parents			
Synonyms	[]		

Modified Component 520			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), vasculature of uterus(EMAPA:30811)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), vasculature of uterus(EMAPA:30811)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:30811) has order entry <4 for EMAPA:29915>		

Modified Component 521			
ID	EMAPA:28272	Is Group Term	false
Name	rest of afferent arteriole		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28266[afferent arteriole]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		

Modified Component 521			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
	Rule Status	PASSED	Edit Status
	CHANGED		
	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28272) has order entry <1 for EMAPA:28266>		

Modified Component 522			
ID	EMAPA:30819	Is Group Term	false
Name	clitoris		

Modified Component 522			
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30984[female external genitalia] EMAPA:17959[female reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[genital tubercle of female]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30819) has order entry <1 for EMAPA:30984>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30819) has order entry <13 for EMAPA:17959>		

Modified Component 523			
<i>ID</i>	EMAPA:28275	<i>Is Group Term</i>	false
<i>Name</i>	efferent arteriole		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28236[mature renal corpuscle] EMAPA:31450[renal venous system] EMAPA:31469[small blood vessels]		
<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), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), efferent arteriole(EMAPA:28275)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), efferent arteriole(EMAPA:28275)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 523			
<div>organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]</div>			
<div>4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]</div>			
<div>5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), efferent arteriole(EMAPA:28275)]</div>			
<div>6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), efferent arteriole(EMAPA:28275)]</div>			
<div>7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]</div>			
<div>8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]</div>			
<div>9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]</div>			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28275) has order entry <1 for EMAPA:31469>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28275) has order entry <3 for EMAPA:28236>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28275) has order entry <4 for EMAPA:31450>		

Modified Component 524			
ID	EMAPA:31250	Is Group Term	false
Name	cremaster muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 524			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cremaster muscle(EMAPA:31250)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cremaster muscle(EMAPA:31250)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31250) has order entry <5 for EMAPA:17968>		

Modified Component 525			
ID	EMAPA:28278	Is Group Term	false
Name	extraglomerular mesangium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:28236[mature renal corpuscle] EMAPA:30449[juxtaglomerular complex]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), extraglomerular mesangium(EMAPA:28278)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal		

Modified Component 525			
	corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), extraglomerular mesangium(EMAPA:28278)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28278) has order entry <0 for EMAPA:30449>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28278) has order entry <4 for EMAPA:28236>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28278) has order entry <5 for EMAPA:28518>		

Modified Component 526			
ID	EMAPA:31214	Is Group Term	false
Name	developing vasculature of oviduct		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18984[oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), developing vasculature of oviduct(EMAPA:31214)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), developing vasculature of oviduct(EMAPA:31214)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31214) has order entry <4 for EMAPA:18984>		

Modified Component 527			
ID	EMAPA:30011	Is Group Term	false

Modified Component 527			
Name	endothelium of renal vein		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28376[renal vein]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelium of renal vein(EMAPA:30011)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30011) has order entry <1 for EMAPA:28376>		

Modified Component 528			
ID	EMAPA:17209	Is Group Term	false
Name	ureteric bud		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17207[metanephros]		
Group Parents			

Modified Component 528			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), ureteric bud(EMAPA:17209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17209) has order entry <1 for EMAPA:17207>		

Modified Component 529			
ID	EMAPA:17208	Is Group Term	false
Name	metanephric mesenchyme		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17207[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), metanephric mesenchyme(EMAPA:17208)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207), metanephric mesenchyme(EMAPA:17208)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17208) has order entry <0 for EMAPA:17207>		

Modified Component 530			
ID	EMAPA:17207	Is Group Term	false
Name	metanephros		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), metanephros(EMAPA:17207)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 530	
	order entries; Referenced Component (EMAPA:17207) has order entry <11 for EMAPA:16367>

Modified Component 531			
ID	EMAPA:29788	Is Group Term	false
Name	rest of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), rest of ejaculatory duct(EMAPA:29788)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), rest of ejaculatory duct(EMAPA:29788)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29788) has order entry <1 for EMAPA:19088>		

Modified Component 532			
ID	EMAPA:30821	Is Group Term	false
Name	crus of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821)]		

Modified Component 532			
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30821) has order entry <0 for EMAPA:30819>		

Modified Component 533			
<i>ID</i>	EMAPA:30019	<i>Is Group Term</i>	false
<i>Name</i>	smooth muscle layer of renal vein		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28376[renal vein]		
<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), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30019) has order entry <2 for EMAPA:28376>		

Modified Component 534			
ID	EMAPA:31219	Is Group Term	false
Name	developing vasculature of upper part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:31229[developing vasculature 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), developing vasculature of upper part of vagina(EMAPA:31219)]		
Alternate Paths	<p>1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]</p> <p>2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]</p> <p>3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]</p>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	<p>1.</p> <p>2. Different Order - This component has no order entries; Referenced Component (EMAPA:31219) has order entry <1 for EMAPA:31229></p> <p>3. Different Order - This component has no order entries; Referenced Component (EMAPA:31219) has order entry <3 for EMAPA:18987></p>		

Modified Component 535			
ID	EMAPA:30825	Is Group Term	false
Name	epithelial layer of crus of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30821[crus of clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 535			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), epithelial layer of crus of clitoris(EMAPA:30825)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30825) has order entry <0 for EMAPA:30821>		

Modified Component 536			
ID	EMAPA:30823	Is Group Term	false
Name	os clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30821[crus of clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), os clitoris(EMAPA:30823)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30823) has order entry <2 for EMAPA:30821>		

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Modified Component 537			
<i>ID</i>	EMAPA:29790	<i>Is Group Term</i>	false
<i>Name</i>	epithelial component of bulbourethral gland		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19286[bulbourethral 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), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
<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), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29790) has order entry <0 for EMAPA:19286>		

Modified Component 538			
<i>ID</i>	EMAPA:30829	<i>Is Group Term</i>	false
<i>Name</i>	glans clitoris		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30819[clitoris]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		

Modified Component 538	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30829) has order entry <1 for EMAPA:30819>

Modified Component 539			
<i>ID</i>	EMAPA:28260	<i>Is Group Term</i>	false
<i>Name</i>	parietal epithelium		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28257[Bowman's capsule]		
<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), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), parietal epithelium(EMAPA:28260)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28260) has order entry <0 for EMAPA:28257>		

Modified Component 540			

Modified Component 540			
<i>ID</i>	EMAPA:30827	<i>Is Group Term</i>	false
<i>Name</i>	mesenchymal layer of crus of clitoris		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30821[crus of clitoris]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30827) has order entry <1 for EMAPA:30821>		

Modified Component 541			
<i>ID</i>	EMAPA:29798	<i>Is Group Term</i>	false
<i>Name</i>	glandular epithelium of anterior prostate		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:29796[anterior prostatic epithelium]		
<i>Group Parents</i>			
<i>Synonyms</i>	[secretory epithelium]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796), glandular epithelium of anterior prostate(EMAPA:29798)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior		

Modified Component 541			
	prostatic epithelium(EMAPA:29796), glandular epithelium of anterior prostate(EMAPA:29798)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29798) has order entry <0 for EMAPA:29796>		

Modified Component 542			
ID	EMAPA:28266	Is Group Term	false
Name	afferent arteriole		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31450[renal venous system] EMAPA:31469[small blood vessels] EMAPA:28457[renal vasculature] EMAPA:28236[mature renal corpuscle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 542			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <12 for EMAPA:28457>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <2 for EMAPA:28236>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <3 for EMAPA:31450>		
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <3 for EMAPA:31469>		

Modified Component 543			
ID	EMAPA:29796	Is Group Term	false
Name	anterior prostatic epithelium		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29794[anterior prostate gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287),		

Modified Component 543			
	anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29796) has order entry <0 for EMAPA:29794>		

Modified Component 544			
ID	EMAPA:17211	Is Group Term	false
Name	urogenital sinus		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital sinus(EMAPA:17211)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17211) has order entry <12 for EMAPA:16367>		

Modified Component 545			
ID	EMAPA:28269	Is Group Term	false
Name	part of afferent arteriole forming the juxtaglomerular complex		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30449[juxtaglomerular complex] EMAPA:28266[afferent arteriole]		
Group Parents			
Synonyms	[renin-producing cell]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		

Modified Component 545

2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]

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

Modified Component 545			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
	15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28269) has order entry <0 for EMAPA:28266>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28269) has order entry <2 for EMAPA:30449>		

Modified Component 546			
ID	EMAPA:17212	Is Group Term	false
Name	urorectal septum		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urorectal septum(EMAPA:17212)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urorectal septum(EMAPA:17212)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17212) has order entry <15 for EMAPA:16367>		

Modified Component 547			
ID	EMAPA:29794	Is Group Term	false
Name	anterior prostate gland		

Modified Component 547			
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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29794) has order entry <0 for EMAPA:19287>		

Modified Component 548			
ID	EMAPA:28263	Is Group Term	false
Name	urinary space of renal corpuscle		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28257[Bowman's capsule]		
Group Parents			
Synonyms	[Bowman's space]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 548			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of renal corpuscle(EMAPA:28263)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28263) has order entry <1 for EMAPA:28257>		

Modified Component 549			
ID	EMAPA:17210	Is Group Term	false
Name	urogenital membrane		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital membrane(EMAPA:17210)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), urogenital membrane(EMAPA:17210)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17210) has order entry <14 for EMAPA:16367>		

Modified Component 550			
ID	EMAPA:29792	Is Group Term	false
Name	interstitium of bulbourethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbourethral gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), interstitium of bulbourethral gland(EMAPA:29792)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 550			
	system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), interstitium of bulbourethral gland(EMAPA:29792)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29792) has order entry <1 for EMAPA:19286>		

Modified Component 551			
ID	EMAPA:31224	Is Group Term	false
Name	developing vasculature of lower part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18999[lower part of vagina] EMAPA:31229[developing vasculature of vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), developing vasculature of lower part of vagina(EMAPA:31224)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of lower part of vagina(EMAPA:31224)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of lower part of vagina(EMAPA:31224)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), developing vasculature of lower part of vagina(EMAPA:31224)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31224) has order entry <0 for EMAPA:31229>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31224) has order entry <3 for EMAPA:18999>		

Modified Component 552			
ID	EMAPA:30003	Is Group Term	false
Name	smooth muscle layer of renal artery		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28373[renal artery]		

Modified Component 552			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373), smooth muscle layer of renal artery(EMAPA:30003)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30003) has order entry <2 for EMAPA:28373>		

Modified Component 553			
ID	EMAPA:28248	Is Group Term	false
Name	glomerular mesangium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:28239[glomerular tuft]		
Group Parents			
Synonyms	[]		

Modified Component 553			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:28248)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:28248)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular mesangium(EMAPA:28248)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28248) has order entry <1 for EMAPA:28239>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28248) has order entry <4 for EMAPA:28518>		

Modified Component 554			
ID	EMAPA:30831	Is Group Term	false

Modified Component 554			
Name	surface epithelium of glans clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30829[glans clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), surface epithelium of glans clitoris(EMAPA:30831)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30831) has order entry <0 for EMAPA:30829>		

Modified Component 555			
ID	EMAPA:30833	Is Group Term	false
Name	mesenchymal layer of glans clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30829[glans clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 555			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829), mesenchymal layer of glans clitoris(EMAPA:30833)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30833) has order entry <1 for EMAPA:30829>		

Modified Component 556			
ID	EMAPA:30835	Is Group Term	false
Name	vasculature of clitoris		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clitoris]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), vasculature of clitoris(EMAPA:30835)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30835) has order entry <2 for EMAPA:30819>		

Modified Component 557			
ID	EMAPA:31229	Is Group Term	true
Name	developing vasculature of vagina		
Starts At	TS24	Ends At	TS27

Modified Component 557			
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31229) has order entry <6 for EMAPA:18986>		

Modified Component 558			
ID	EMAPA:30837	Is Group Term	false
Name	labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system] EMAPA:30984[female external genitalia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30837) has order entry <17 for EMAPA:17959>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30837) has order entry <4 for EMAPA:30984>		

Modified Component 559			

Modified Component 559			
<i>ID</i>	EMAPA:30839	<i>Is Group Term</i>	false
<i>Name</i>	epithelial layer of labia		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30837[labia]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30839) has order entry <0 for EMAPA:30837>		

Modified Component 560			
<i>ID</i>	EMAPA:28257	<i>Is Group Term</i>	false
<i>Name</i>	Bowman's capsule		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28236[mature renal corpuscle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[glomerular capsule]		
<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), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal		

Modified Component 560			
	corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28257) has order entry <1 for EMAPA:28236>		

Modified Component 561			
ID	EMAPA:29786	Is Group Term	false
Name	epithelial layer of ejaculatory duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejaculatory duct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ejaculatory duct(EMAPA:19088), epithelial layer of ejaculatory duct(EMAPA:29786)]		
Alternate 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29786) has order entry <0 for EMAPA:19088>		

Modified Component 562			
ID	EMAPA:28254	Is Group Term	false
Name	visceral epithelium		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28239[glomerular tuft]		
Group Parents			
Synonyms	[podocyte layer]		

Modified Component 562			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), visceral epithelium(EMAPA:28254)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28254) has order entry <3 for EMAPA:28239>		

Modified Component 563			
ID	EMAPA:28251	Is Group Term	false
Name	glomerular basement membrane		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28239[glomerular tuft]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		

Modified Component 563			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28251)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28251) has order entry <2 for EMAPA:28239>		

Modified Component 564			
ID	EMAPA:29769	Is Group Term	false
Name	os penis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19294[crus penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 564			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29769) has order entry <0 for EMAPA:19294>		

Modified Component 565			
ID	EMAPA:29767	Is Group Term	false
Name	adventitia of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29767) has order entry <3 for EMAPA:18681>		

Modified Component 566			
ID	EMAPA:29771	Is Group Term	false
Name	epithelium of seminal vesicle		
Starts At	TS28	Ends At	TS28

Modified Component 566			
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29771) has order entry <0 for EMAPA:19180>		

Modified Component 567			
ID	EMAPA:29775	Is Group Term	false
Name	adventitia of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), adventitia of seminal vesicle(EMAPA:29775)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29775) has order entry <4 for EMAPA:19180>		

Modified Component 568			
ID	EMAPA:29773	Is Group Term	false
Name	muscle layer of seminal vesicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19180[seminal vesicle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		

Modified Component 568			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), muscle layer of seminal vesicle(EMAPA:29773)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29773) has order entry <1 for EMAPA:19180>		

Modified Component 569			
ID	EMAPA:31204	Is Group Term	false
Name	developing vasculature of caput epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19291[caput epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31204) has order entry <0 for EMAPA:31235>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31204) has order entry <3 for EMAPA:19291>		

Modified Component 570			
ID	EMAPA:31209	Is Group Term	false
Name	developing vasculature of uterine horn		

Modified Component 570			
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18985[uterine horn]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), developing vasculature of uterine horn(EMAPA:31209)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985), developing vasculature of uterine horn(EMAPA:31209)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31209) has order entry <2 for EMAPA:18985>		

Modified Component 571			
ID	EMAPA:29755	Is Group Term	false
Name	epithelium of corpus epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30445[epithelium of epididymis] EMAPA:19293[corpus epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), epithelium of corpus epididymis(EMAPA:29755)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), epithelium of corpus epididymis(EMAPA:29755)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29755)		

Modified Component 571	
	has order entry <0 for EMAPA:19293>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29755) has order entry <1 for EMAPA:30445>

Modified Component 572			
ID	EMAPA:29757	Is Group Term	false
Name	muscle layer of corpus of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:30447[muscle layer of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), muscle layer of corpus of epididymis(EMAPA:29757)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of corpus of epididymis(EMAPA:29757)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of corpus of epididymis(EMAPA:29757)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), muscle layer of corpus of epididymis(EMAPA:29757)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29757) has order entry <1 for EMAPA:19293>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29757) has order entry <1 for EMAPA:30447>		

Modified Component 573			
ID	EMAPA:29759	Is Group Term	false
Name	adventitia of corpus of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:30443[adventitia of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 573			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29759) has order entry <1 for EMAPA:30443>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29759) has order entry <2 for EMAPA:19293>		

Modified Component 574			
ID	EMAPA:29761	Is Group Term	false
Name	epithelium of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30445[epithelium of epididymis] EMAPA:19291[caput epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), epithelium of caput of epididymis(EMAPA:29761)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of caput of epididymis(EMAPA:29761)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of caput of epididymis(EMAPA:29761)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput		

Modified Component 574			
	epididymis(EMAPA:19291), epithelium of caput of epididymis(EMAPA:29761)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29761) has order entry <0 for EMAPA:19291>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29761) has order entry <0 for EMAPA:30445>		

Modified Component 575			
ID	EMAPA:29763	Is Group Term	false
Name	muscle layer of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19291[caput epididymis] EMAPA:30447[muscle layer of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), muscle layer of caput of epididymis(EMAPA:29763)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of caput of epididymis(EMAPA:29763)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of caput of epididymis(EMAPA:29763)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), muscle layer of caput of epididymis(EMAPA:29763)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29763) has order entry <0 for EMAPA:30447>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29763) has order entry <1 for EMAPA:19291>		

Modified Component 576			
ID	EMAPA:29765	Is Group Term	false
Name	adventitia of caput of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19291[caput epididymis]		

Modified Component 576			
	EMAPA:30443[adventitia of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), adventitia of caput of epididymis(EMAPA:29765)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of caput of epididymis(EMAPA:29765)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of caput of epididymis(EMAPA:29765)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), adventitia of caput of epididymis(EMAPA:29765)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29765) has order entry <0 for EMAPA:30443>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29765) has order entry <2 for EMAPA:19291>		

Modified Component 577			
ID	EMAPA:29749	Is Group Term	false
Name	rest of efferent duct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18993[efferent duct of 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), efferent duct of seminal vesicle(EMAPA:18993), rest of efferent duct(EMAPA:29749)]		
Alternate 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), efferent duct of seminal vesicle(EMAPA:18993), rest of efferent duct(EMAPA:29749)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29749)		

Modified Component 577	
	has order entry <1 for EMAPA:18993>

Modified Component 578			
<i>ID</i>	EMAPA:29747	<i>Is Group Term</i>	false
<i>Name</i>	epithelial layer of efferent duct		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:18993[efferent duct of seminal vesicle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), epithelial layer of efferent duct(EMAPA:29747)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), efferent duct of seminal vesicle(EMAPA:18993), epithelial layer of efferent duct(EMAPA:29747)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29747) has order entry <0 for EMAPA:18993>		

Modified Component 579			
<i>ID</i>	EMAPA:29745	<i>Is Group Term</i>	false
<i>Name</i>	septum of scrotum		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:19296[scrotum]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]		

Modified Component 579			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29745) has order entry <2 for EMAPA:19296>		

Modified Component 580			
ID	EMAPA:29753	Is Group Term	false
Name	adventitia of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30443[adventitia of epididymis] EMAPA:19292[cauda epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), adventitia of cauda of epididymis(EMAPA:29753)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of cauda of epididymis(EMAPA:29753)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of cauda of epididymis(EMAPA:29753)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), adventitia of cauda of epididymis(EMAPA:29753)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29753) has order entry <2 for EMAPA:19292>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29753) has order entry <2 for EMAPA:30443>		

Modified Component 581			
ID	EMAPA:29751	Is Group Term	false
Name	muscle layer of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30447[muscle layer of epididymis] EMAPA:19292[cauda epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 581			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), muscle layer of cauda of epididymis(EMAPA:29751)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of cauda of epididymis(EMAPA:29751)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), muscle layer of epididymis(EMAPA:30447), muscle layer of cauda of epididymis(EMAPA:29751)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), muscle layer of cauda of epididymis(EMAPA:29751)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29751) has order entry <1 for EMAPA:19292>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29751) has order entry <2 for EMAPA:30447>		

Modified Component 582			
ID	EMAPA:29737	Is Group Term	false
Name	stratified layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29733[epidermal layer of scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 582			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), stratified layer(EMAPA:29737)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29737) has order entry <1 for EMAPA:29733>		

Modified Component 583			
ID	EMAPA:29739	Is Group Term	false
Name	dermal layer of scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29739) has order entry <1 for EMAPA:19296>		

Modified Component 584			
ID	EMAPA:29733	Is Group Term	false
Name	epidermal layer of scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 584			
	system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29733) has order entry <0 for EMAPA:19296>		

Modified Component 585			
ID	EMAPA:29735	Is Group Term	false
Name	basal layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29733[epidermal layer of scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 585	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29735) has order entry <0 for EMAPA:29733>

Modified Component 586			
ID	EMAPA:29741	Is Group Term	false
Name	hair follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29739[dermal layer of scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:29741) has order entry <0 for EMAPA:29739>		

Modified Component 587			
ID	EMAPA:29743	Is Group Term	false
Name	sweat gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29739[dermal layer of scrotum]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 587			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), sweat gland(EMAPA:29743)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29743) has order entry <1 for EMAPA:29739>		

Modified Component 588			
ID	EMAPA:28245	Is Group Term	false
Name	glomerular capillary system		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31469[small blood vessels] EMAPA:28239[glomerular tuft] EMAPA:31443[renal capillaries] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system(EMAPA:28245)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), glomerular capillary system(EMAPA:28245)]		

Modified Component 588			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system(EMAPA:28245)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), glomerular capillary system(EMAPA:28245)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239), glomerular capillary system(EMAPA:28245)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28245) has order entry <0 for EMAPA:28239>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28245) has order entry <0 for EMAPA:28457>		

Modified Component 588	
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28245) has order entry <0 for EMAPA:31443>
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:28245) has order entry <4 for EMAPA:31469>

Modified Component 589			
<i>ID</i>	EMAPA:28239	<i>Is Group Term</i>	false
<i>Name</i>	glomerular tuft		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:28236[mature renal corpuscle]		
<i>Group Parents</i>			
<i>Synonyms</i>	[glomerulus]		
<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), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28239) has order entry <0 for EMAPA:28236>		

Modified Component 590			
<i>ID</i>	EMAPA:28230	<i>Is Group Term</i>	false

Modified Component 590			
Name	afferent arteriole		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:27991[juxtaglomerular arteriole]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		

Modified Component 590			
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28230) has order entry <0 for EMAPA:27991>		

Modified Component 591			
ID	EMAPA:28233	Is Group Term	false
Name	efferent arteriole		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:27991[juxtaglomerular arteriole]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent		

Modified Component 591

arteriole(EMAPA:28233)]

2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]

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

Modified Component 591			
	tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), efferent arteriole(EMAPA:28233)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28233) has order entry <1 for EMAPA:27991>		

Modified Component 592			
ID	EMAPA:28236	Is Group Term	false
Name	mature renal corpuscle		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:17952[renal cortex] EMAPA:28491[mature nephron]		
Group Parents			
Synonyms	[Malpighian corpuscle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 592			
	system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28236) has order entry <10 for EMAPA:17954>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28236) has order entry <2 for EMAPA:28491>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28236) has order entry <5 for EMAPA:17952>		

Modified Component 593			
ID	EMAPA:28221	Is Group Term	false
Name	arcuate vein		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28152[renal cortical venous system] EMAPA:28457[renal vasculature] EMAPA:31450[renal venous system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), arcuate vein(EMAPA:28221)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), arcuate vein(EMAPA:28221)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), arcuate vein(EMAPA:28221)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		

Modified Component 593			
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), arcuate vein(EMAPA:28221)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28221) has order entry <1 for EMAPA:28152>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28221) has order entry <14 for EMAPA:28457>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28221) has order entry <2 for EMAPA:31450>		

Modified Component 594			
ID	EMAPA:28218	Is Group Term	false
Name	interlobular vein		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28457[renal vasculature] EMAPA:31450[renal venous system] EMAPA:28152[renal cortical venous system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), interlobular vein(EMAPA:28218)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), interlobular vein(EMAPA:28218)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		

Modified Component 594			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), interlobular vein(EMAPA:28218)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular vein(EMAPA:28218)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), interlobular vein(EMAPA:28218)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28218) has order entry <0 for EMAPA:28152>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28218) has order entry <1 for EMAPA:31450>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28218) has order entry <13 for EMAPA:28457>		

Modified Component 595			
ID	EMAPA:28215	Is Group Term	false
Name	arcuate artery		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28147[renal cortical arterial system] EMAPA:28457[renal vasculature] EMAPA:31436[renal arterial system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), arcuate artery(EMAPA:28215)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate artery(EMAPA:28215)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), arcuate artery(EMAPA:28215)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system		

Modified Component 595			
	GROUP(JFA:0001008), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), arcuate artery(EMAPA:28215)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), arcuate artery(EMAPA:28215)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), arcuate artery(EMAPA:28215)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), arcuate artery(EMAPA:28215)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28215) has order entry <1 for EMAPA:28147>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28215) has order entry <11 for EMAPA:28457>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28215) has order entry <2 for EMAPA:31436>		

Modified Component 596			
ID	EMAPA:28212	Is Group Term	false
Name	interlobular artery		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28457[renal vasculature] EMAPA:28147[renal cortical arterial system] EMAPA:31436[renal arterial system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), interlobular artery(EMAPA:28212)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 596			
	organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular artery(EMAPA:28212)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), interlobular artery(EMAPA:28212)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular artery(EMAPA:28212)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), interlobular artery(EMAPA:28212)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), interlobular artery(EMAPA:28212)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147), interlobular artery(EMAPA:28212)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28212) has order entry <0 for EMAPA:28147>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28212) has order entry <1 for EMAPA:31436>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28212) has order entry <10 for EMAPA:28457>		

Modified Component 597			
ID	EMAPA:30891	Is Group Term	false
Name	urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		

Modified Component 597			
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30891) has order entry <1 for EMAPA:17379>		

Modified Component 598			
<i>ID</i>	EMAPA:30895	<i>Is Group Term</i>	false
<i>Name</i>	caudal urethra		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:30891[urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30895) has order entry <1 for EMAPA:30891>		

Modified Component 599			
<i>ID</i>	EMAPA:30893	<i>Is Group Term</i>	false
<i>Name</i>	pelvic urethra		
<i>Starts At</i>	TS21	<i>Ends At</i>	TS21
<i>Primary Parents</i>	EMAPA:30891[urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		

Modified Component 599			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30893) has order entry <0 for EMAPA:30891>		

Modified Component 600			
ID	EMAPA:30899	Is Group Term	false
Name	urethral fold		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral fold(EMAPA:30899)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral fold(EMAPA:30899)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30899) has order entry <3 for EMAPA:30891>		

Modified Component 601			
ID	EMAPA:30897	Is Group Term	false
Name	urethral plate		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral plate(EMAPA:30897)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral plate(EMAPA:30897)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30897) has order entry <2 for EMAPA:30891>		

Modified Component 602			
ID	EMAPA:29731	Is Group Term	false
Name	testicular branch of genital nerve		

Modified Component 602			
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), testicular branch of genital nerve(EMAPA:29731)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), testicular branch of genital nerve(EMAPA:29731)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29731) has order entry <12 for EMAPA:17972>		

Modified Component 603			
ID	EMAPA:30882	Is Group Term	false
Name	epithelial layer of rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:30879[rest of urogenital sinus]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), epithelial layer of rest of urogenital sinus(EMAPA:30882)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), epithelial layer of rest of urogenital sinus(EMAPA:30882)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30882) has order entry <0 for EMAPA:30879>		

Modified Component 604			
ID	EMAPA:31199	Is Group Term	false
Name	developing vasculature of corpus epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19293[corpus epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

Modified Component 604			
	organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), developing vasculature of corpus epididymis(EMAPA:31199)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of corpus epididymis(EMAPA:31199)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of corpus epididymis(EMAPA:31199)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), developing vasculature of corpus epididymis(EMAPA:31199)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31199) has order entry <1 for EMAPA:31235>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31199) has order entry <3 for EMAPA:19293>		

Modified Component 605			
ID	EMAPA:30885	Is Group Term	false
Name	mesenchymal layer of rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:30879[rest of urogenital sinus]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), mesenchymal layer of rest of urogenital sinus(EMAPA:30885)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879), mesenchymal layer of rest of urogenital sinus(EMAPA:30885)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30885) has order entry <1 for EMAPA:30879>		

Modified Component 606			
ID	EMAPA:30888	Is Group Term	false

Modified Component 606			
Name	urethral fold		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral fold(EMAPA:30888)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethral fold(EMAPA:30888)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30888) has order entry <20 for EMAPA:17366>		

Modified Component 607			
ID	EMAPA:31194	Is Group Term	false
Name	developing vasculature of cauda epididymis		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:19292[cauda epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), developing vasculature of cauda epididymis(EMAPA:31194)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of cauda epididymis(EMAPA:31194)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of cauda epididymis(EMAPA:31194)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), developing vasculature of cauda epididymis(EMAPA:31194)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31194) has order entry <2 for EMAPA:31235>		

Modified Component 607	
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31194) has order entry <3 for EMAPA:19292>

Modified Component 608			
ID	EMAPA:16577	Is Group Term	false
Name	nephric duct		
Starts At	TS14	Ends At	TS16
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[Wolffian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct(EMAPA:16577)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct(EMAPA:16577)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16577) has order entry <2 for EMAPA:16367>		

Modified Component 609			
ID	EMAPA:31188	Is Group Term	false
Name	developing vasculature of ductus deferens		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18681[ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), developing vasculature of ductus deferens(EMAPA:31188)]		

Modified Component 609			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31188) has order entry <4 for EMAPA:18681>		

Modified Component 610			
ID	EMAPA:16578	Is Group Term	false
Name	primordial germ cells		
Starts At	TS14	Ends At	TS15
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), primordial germ cells(EMAPA:16578)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), primordial germ cells(EMAPA:16578)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16578) has order entry <6 for EMAPA:16367>		

Modified Component 611			
ID	EMAPA:19180	Is Group Term	false
Name	seminal vesicle		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[vesicular seminalis]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19180) has order entry <10 for EMAPA:17968>		

Modified Component 612			
ID	EMAPA:16579	Is Group Term	false
Name	pronephros		

Modified Component 612			
<i>Starts At</i>	TS14	<i>Ends At</i>	TS14
<i>Primary Parents</i>	EMAPA:16367[genitourinary system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), pronephros(EMAPA:16579)]		
<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), pronephros(EMAPA:16579)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16579) has order entry <3 for EMAPA:16367>		

Modified Component 613			
<i>ID</i>	EMAPA:31182	<i>Is Group Term</i>	false
<i>Name</i>	developing vasculature of epididymis		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS27
<i>Primary Parents</i>	EMAPA:19290[epididymis]		
<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), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31182) has order entry <5 for EMAPA:19290>		

Modified Component 614			
<i>ID</i>	EMAPA:16576	<i>Is Group Term</i>	false
<i>Name</i>	associated mesenchyme		
<i>Starts At</i>	TS14	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:16367[genitourinary system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), associated mesenchyme(EMAPA:16576)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary		

Modified Component 614			
	system(EMAPA:16367), associated mesenchyme(EMAPA:16576)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16576) has order entry <4 for EMAPA:16367>		

Modified Component 615			
ID	EMAPA:19169	Is Group Term	false
Name	crus of clitoris		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19169) has order entry <6 for EMAPA:18680>		

Modified Component 616			
ID	EMAPA:30850	Is Group Term	false

Modified Component 616			
Name	ureteral vasculature		
Starts At	TS20	Ends At	TS28
Primary Parents	JFA:0001008[developing vasculature of urinary system GROUP] EMAPA:17950[ureter]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral vasculature(EMAPA:30850)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), ureteral vasculature(EMAPA:30850)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), ureteral vasculature(EMAPA:30850)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral vasculature(EMAPA:30850)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30850) has order entry <6 for EMAPA:17950>		
	3. Different Parents - Referenced Component EMAPA:30850 has parents [EMAPA:17950]		

Modified Component 617			
ID	EMAPA:30841	Is Group Term	false
Name	mesenchymal layer of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

Modified Component 617			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), mesenchymal layer of labia(EMAPA:30841)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30841) has order entry <2 for EMAPA:30837>		

Modified Component 618			
ID	EMAPA:30843	Is Group Term	false
Name	gland of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), gland of labia(EMAPA:30843)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), gland of labia(EMAPA:30843)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), gland of labia(EMAPA:30843)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), gland of labia(EMAPA:30843)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30843) has order entry <1 for EMAPA:30837>		

Modified Component 619			
ID	EMAPA:19179	Is Group Term	false
Name	tunica vaginalis testis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 619			
	system(EMAPA:17968), testis(EMAPA:17972), tunica vaginalis testis(EMAPA:19179)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica vaginalis testis(EMAPA:19179)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19179) has order entry <3 for EMAPA:17972>		

Modified Component 620			
ID	EMAPA:30845	Is Group Term	false
Name	vasculature of labia		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), vasculature of labia(EMAPA:30845)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30845) has order entry <3 for EMAPA:30837>		

Modified Component 621			
ID	EMAPA:19177	Is Group Term	false
Name	Sertoli cell		
Starts At	TS23	Ends At	TS27
Primary Parents	EMAPA:18685[seminiferous cord]		
Group Parents			
Synonyms	[]		

Modified Component 621			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), Sertoli cell(EMAPA:19177)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685), Sertoli cell(EMAPA:19177)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19177) has order entry <0 for EMAPA:18685>		

Modified Component 622			
ID	EMAPA:19176	Is Group Term	false
Name	rest of interstitium of the testis		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[non-specific mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), rest of interstitium of the testis(EMAPA:19176)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), rest of interstitium of the testis(EMAPA:19176)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19176) has order entry <2 for EMAPA:18687>		

Modified Component 623			
ID	EMAPA:19175	Is Group Term	false
Name	fetal Leydig cell		
Starts At	TS20	Ends At	TS27
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]		

Modified Component 623			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19175) has order entry <0 for EMAPA:18687>		

Modified Component 624			
ID	EMAPA:19174	Is Group Term	false
Name	external		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19172[inguinal ring]		
Group Parents			
Synonyms	[superficial]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), external(EMAPA:19174)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), external(EMAPA:19174)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19174) has order entry <1 for EMAPA:19172>		

Modified Component 625			
ID	EMAPA:19173	Is Group Term	false
Name	internal		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19172[inguinal ring]		
Group Parents			
Synonyms	[deep]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), internal(EMAPA:19173)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172), internal(EMAPA:19173)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 625			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19173) has order entry <0 for EMAPA:19172>		

Modified Component 626			
ID	EMAPA:19172	Is Group Term	false
Name	inguinal ring		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal ring(EMAPA:19172)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19172) has order entry <18 for EMAPA:17959>		

Modified Component 627			
ID	EMAPA:19171	Is Group Term	false
Name	inguinal canal		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal canal(EMAPA:19171)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), inguinal canal(EMAPA:19171)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19171) has order entry <16 for EMAPA:17959>		

Modified Component 628			
ID	EMAPA:19170	Is Group Term	false
Name	glans clitoridis		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:18680[genital tubercle of female]		

Modified Component 628			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19170) has order entry <5 for EMAPA:18680>		

Modified Component 629			
ID	EMAPA:30879	Is Group Term	false
Name	rest of urogenital sinus		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), rest of urogenital sinus(EMAPA:30879)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 629	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30879) has order entry <2 for EMAPA:17379>

Modified Component 630			
ID	EMAPA:30876	Is Group Term	false
Name	mesenchymal layer of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primitive bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), mesenchymal layer of primitive bladder(EMAPA:30876)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30876) has order entry <1 for EMAPA:30870>		

Modified Component 631			
ID	EMAPA:30873	Is Group Term	false
Name	epithelial layer of primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primitive bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), epithelial layer of primitive bladder(EMAPA:30873)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870), epithelial layer of primitive bladder(EMAPA:30873)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30873) has order entry <0 for EMAPA:30870>		

Modified Component 632			
ID	EMAPA:30870	Is Group Term	false

Modified Component 632			
Name	primitive bladder		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17379[urogenital sinus]		
Group Parents			
Synonyms	[cranial urogenital sinus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), primitive bladder(EMAPA:30870)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30870) has order entry <0 for EMAPA:17379>		

Modified Component 633			
ID	EMAPA:30942	Is Group Term	false
Name	prostatic urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30942) has order entry <1 for EMAPA:18692>		

Modified Component 634			
ID	EMAPA:30137	Is Group Term	false
Name	muscularis mucosa of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28619[muscularis mucosa of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]		

Modified Component 634			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30137) has order entry <2 for EMAPA:28619>		

Modified Component 635			
ID	EMAPA:30946	Is Group Term	false
Name	epithelial layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), epithelial layer(EMAPA:30946)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), epithelial layer(EMAPA:30946)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30946) has order entry <0 for EMAPA:30944>		

Modified Component 636			
ID	EMAPA:28949	Is Group Term	false
Name	epithelium of rest of nephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28945[nephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), epithelium of rest of nephric duct of female(EMAPA:28949)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), epithelium of rest of nephric duct of female(EMAPA:28949)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 636			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28949) has order entry <0 for EMAPA:28945>		

Modified Component 637			
ID	EMAPA:30944	Is Group Term	false
Name	penile urethra		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30944) has order entry <3 for EMAPA:18692>		

Modified Component 638			
ID	EMAPA:28945	Is Group Term	false
Name	nephric duct of female, rest of		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[mesonephric duct of female, rest of]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28945) has order entry <2 for EMAPA:17959>		

Modified Component 639			
ID	EMAPA:30130	Is Group Term	false
Name	serosa of neck		
Starts At	TS22	Ends At	TS28

Modified Component 639			
Primary Parents	EMAPA:28661[serosa of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of neck(EMAPA:30130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), serosa of bladder(EMAPA:28661), serosa of neck(EMAPA:30130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30130) has order entry <2 for EMAPA:28661>		

Modified Component 640			
ID	EMAPA:29669	Is Group Term	false
Name	proximal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29665[loop of Henle]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), proximal straight tubule(EMAPA:29669)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), proximal straight tubule(EMAPA:29669)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29669) has order entry <0 for EMAPA:29665>		

Modified Component 641			
ID	EMAPA:29675	Is Group Term	false
Name	inner stripe of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 641			
	metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29675) has order entry <3 for EMAPA:28310>		

Modified Component 642			
ID	EMAPA:28147	Is Group Term	false
Name	renal cortical arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal cortical vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical arterial system(EMAPA:28147)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28147) has order entry <0 for EMAPA:28142>		

Modified Component 643			
ID	EMAPA:28142	Is Group Term	false
Name	renal cortical vasculature		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical		

Modified Component 643			
	vasculature(EMAPA:28142)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28142) has order entry <10 for EMAPA:17952>		

Modified Component 644			
ID	EMAPA:29671	Is Group Term	false
Name	distal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29665[loop of Henle]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), distal straight tubule(EMAPA:29671)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665), distal straight tubule(EMAPA:29671)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29671) has order entry <1 for EMAPA:29665>		

Modified Component 645			
ID	EMAPA:30948	Is Group Term	false
Name	mesenchymal layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), mesenchymal layer(EMAPA:30948)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), mesenchymal layer(EMAPA:30948)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30948)		

Modified Component 645			
		has order entry <1 for EMAPA:30944>	

Modified Component 646			
<i>ID</i>	EMAPA:30952	<i>Is Group Term</i>	false
<i>Name</i>	epithelial layer		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30942[prostatic urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30952) has order entry <0 for EMAPA:30942>		

Modified Component 647			
<i>ID</i>	EMAPA:30954	<i>Is Group Term</i>	false
<i>Name</i>	mesenchymal layer		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30942[prostatic urethra]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30954) has order entry <1 for EMAPA:30942>		

Modified Component 648			
<i>ID</i>	EMAPA:30956	<i>Is Group Term</i>	false
<i>Name</i>	muscle layer		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28

Modified Component 648			
Primary Parents	EMAPA:30942[prostatic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30956) has order entry <2 for EMAPA:30942>		

Modified Component 649			
ID	EMAPA:28957	Is Group Term	false
Name	epithelium of rest of paramesonephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28940[paramesonephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), epithelium of rest of paramesonephric duct of female(EMAPA:28957)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), epithelium of rest of paramesonephric duct of female(EMAPA:28957)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28957) has order entry <0 for EMAPA:28940>		

Modified Component 650			
ID	EMAPA:30123	Is Group Term	false
Name	detrusor muscle of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detrusor muscle of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 650			
	bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of neck(EMAPA:30123)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), detrusor muscle of bladder(EMAPA:28637), detrusor muscle of neck(EMAPA:30123)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30123) has order entry <2 for EMAPA:28637>		

Modified Component 651			
ID	EMAPA:29657	Is Group Term	false
Name	segment 1 of proximal tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28287[renal proximal convoluted tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 651

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(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

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

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GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]

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

Modified Component 651			
	tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 1 of proximal tubule(EMAPA:29657)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29657) has order entry <0 for EMAPA:28287>		

Modified Component 652			
ID	EMAPA:28953	Is Group Term	false
Name	mesenchyme of rest of nephric duct of female		
Starts At	TS21	Ends At	TS23

Modified Component 652			
Primary Parents	EMAPA:28945[nephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), mesenchyme of rest of nephric duct of female(EMAPA:28953)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), nephric duct of female, rest of(EMAPA:28945), mesenchyme of rest of nephric duct of female(EMAPA:28953)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28953) has order entry <1 for EMAPA:28945>		

Modified Component 653			
ID	EMAPA:30950	Is Group Term	false
Name	muscle layer		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30944[penile urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), muscle layer(EMAPA:30950)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), penile urethra(EMAPA:30944), muscle layer(EMAPA:30950)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30950) has order entry <2 for EMAPA:30944>		

Modified Component 654			
ID	EMAPA:29659	Is Group Term	false
Name	segment 2 of proximal tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28287[renal proximal convoluted tubule]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal		

Modified Component 654	
	tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal

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tubule(EMAPA:29659)]

9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

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

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system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]

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

Modified Component 654			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29659) has order entry <1 for EMAPA:28287>		

Modified Component 655			
ID	EMAPA:28961	Is Group Term	false
Name	mesenchyme of rest of paramesonephric duct of female		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28940[paramesonephric duct of female, rest of]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), mesenchyme of rest of paramesonephric duct of female(EMAPA:28961)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940), mesenchyme of rest of paramesonephric duct of female(EMAPA:28961)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28961) has order entry <1 for EMAPA:28940>		

Modified Component 656			
ID	EMAPA:28136	Is Group Term	false
Name	renal cortical interstitium		
Starts At	TS22	Ends At	TS28

Modified Component 656			
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28518[renal interstitium group]		
Group Parents			
Synonyms	[cortical stroma]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28136) has order entry <6 for EMAPA:28518>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28136) has order entry <8 for EMAPA:17952>		

Modified Component 657			
ID	EMAPA:29663	Is Group Term	false
Name	outer stripe of outer medulla		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29663) has order entry <2 for EMAPA:28310>		

Modified Component 658			
ID	EMAPA:29665	Is Group Term	false
Name	loop of Henle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29663[outer stripe of outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29665) has order entry <0 for EMAPA:29663>		

Modified Component 659			
ID	EMAPA:28130	Is Group Term	false
Name	cortical collecting duct		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28494[ureteric trunk]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical collecting duct(EMAPA:28130)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric		

Modified Component 659			
	trunk(EMAPA:28494), cortical collecting duct(EMAPA:28130)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical collecting duct(EMAPA:28130)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28130) has order entry <0 for EMAPA:28494>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28130) has order entry <7 for EMAPA:17952>		

Modified Component 660			
ID	EMAPA:29661	Is Group Term	false
Name	renal proximal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28281[renal proximal tubule]		
Group Parents			
Synonyms	[pars recta, segment 3 of proximal tubule]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 660			
	metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 660			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:29661) has order entry <2 for EMAPA:28281>	

Modified Component 661			
ID	EMAPA:30924	Is Group Term	false
Name	urethral plate of female		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral plate of female(EMAPA:30924)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral plate of female(EMAPA:30924)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30924) has order entry <0 for EMAPA:30917>		

Modified Component 662			
ID	EMAPA:28929	Is Group Term	false
Name	rete ovarii of mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), rete ovarii of mesonephros(EMAPA:28929)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), rete ovarii of mesonephros(EMAPA:28929)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28929) has order entry <6 for EMAPA:28909>		

Modified Component 663			

Modified Component 663			
ID	EMAPA:28924	Is Group Term	false
Name	nephric duct of female, mesonephric portion		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[mesonephric duct of female, mesonephric portion, Wolffian duct of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), nephric duct of female, mesonephric portion(EMAPA:28924)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), nephric duct of female, mesonephric portion(EMAPA:28924)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28924) has order entry <3 for EMAPA:28909>		

Modified Component 664			
ID	EMAPA:29693	Is Group Term	false
Name	epithelium of cauda of epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19292[cauda epididymis] EMAPA:30445[epithelium of epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 664	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29693) has order entry <0 for EMAPA:19292>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29693) has order entry <2 for EMAPA:30445>

Modified Component 665			
ID	EMAPA:28167	Is Group Term	false
Name	renal medullary venous system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31450[renal venous system] EMAPA:31469[small blood vessels] EMAPA:28157[renal medullary vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary venous system(EMAPA:28167)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal medullary venous system(EMAPA:28167)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venous system(EMAPA:28167)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal medullary venous system(EMAPA:28167)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venous system(EMAPA:28167)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary venous system(EMAPA:28167)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28167) has order entry <1 for EMAPA:28157>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28167) has order entry <5 for EMAPA:31450>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28167) has order entry <7 for EMAPA:31469>		

Modified Component 666			
ID	EMAPA:29691	Is Group Term	false
Name	renal nerve		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal nerve(EMAPA:29691)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal nerve(EMAPA:29691)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29691) has order entry <5 for EMAPA:17366>		

Modified Component 667			
ID	EMAPA:30927	Is Group Term	false
Name	urethral fold of female		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral fold of female(EMAPA:30927)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), urethral fold of female(EMAPA:30927)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30927) has order entry <1 for EMAPA:30917>		

Modified Component 668			
ID	EMAPA:28162	Is Group Term	false
Name	renal medullary arterial system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:31469[small blood vessels] EMAPA:31436[renal arterial system] EMAPA:28157[renal medullary vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 668			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary arterial system(EMAPA:28162)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal medullary arterial system(EMAPA:28162)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary arterial system(EMAPA:28162)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal medullary arterial system(EMAPA:28162)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary arterial system(EMAPA:28162)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary arterial system(EMAPA:28162)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28162) has order entry <0 for EMAPA:28157>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28162) has order entry <2 for EMAPA:31469>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:28162) has order entry <3 for EMAPA:31436>		

Modified Component 669			
ID	EMAPA:30934	Is Group Term	false
Name	mesenchymal layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), mesenchymal layer of phallic urethra of female(EMAPA:30934)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), mesenchymal layer of phallic		

Modified Component 669			
	urethra of female(EMAPA:30934)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30934) has order entry <3 for EMAPA:30917>		

Modified Component 670			
ID	EMAPA:30930	Is Group Term	false
Name	epithelial layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), epithelial layer of phallic urethra of female(EMAPA:30930)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), epithelial layer of phallic urethra of female(EMAPA:30930)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30930) has order entry <2 for EMAPA:30917>		

Modified Component 671			
ID	EMAPA:30144	Is Group Term	false
Name	adventitia of neck		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28826[adventitia of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of neck(EMAPA:30144)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), adventitia of bladder(EMAPA:28826), adventitia of neck(EMAPA:30144)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30144) has order entry <2 for EMAPA:28826>		

Modified Component 672			
ID	EMAPA:29679	Is Group Term	false
Name	loop of Henle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29675[inner stripe of outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29679) has order entry <0 for EMAPA:29675>		

Modified Component 673			
ID	EMAPA:28937	Is Group Term	false
Name	paramesonephric duct of female, mesonephric portion		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[Müllerian duct of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28937) has order entry <5 for EMAPA:28909>		
	3. Different Synonyms - Referenced Component EMAPA:28937 has synonyms [Müllerian duct of female]		

Modified Component 674			
ID	EMAPA:28934	Is Group Term	false
Name	coelomic epithelium of female mesonephros		

Modified Component 674			
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), coelomic epithelium of female mesonephros(EMAPA:28934)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), coelomic epithelium of female mesonephros(EMAPA:28934)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28934) has order entry <7 for EMAPA:28909>		

Modified Component 675			
ID	EMAPA:29681	Is Group Term	false
Name	thin descending limb		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29679[loop of Henle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), thin descending limb(EMAPA:29681)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), thin descending limb(EMAPA:29681)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29681) has order entry <0 for EMAPA:29679>		

Modified Component 676			
ID	EMAPA:30150	Is Group Term	false
Name	interstitium		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:28811[ureteral smooth muscle layer]		
Group Parents			

Modified Component 676			
Synonyms	[Cajal 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), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), interstitium(EMAPA:30150)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), ureteral smooth muscle layer(EMAPA:28811), interstitium(EMAPA:30150)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30150) has order entry <1 for EMAPA:28811>		

Modified Component 677			
ID	EMAPA:28152	Is Group Term	false
Name	renal cortical venous system		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal cortical vasculature]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28152) has order entry <1 for EMAPA:28142>		

Modified Component 678			
ID	EMAPA:29683	Is Group Term	false
Name	premacula segment of distal straight tubule		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29679[loop of Henle]		
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), premacula segment of distal		

Modified Component 678			
	straight tubule(EMAPA:29683)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), inner stripe of outer medulla(EMAPA:29675), loop of Henle(EMAPA:29679), premacula segment of distal straight tubule(EMAPA:29683)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29683) has order entry <1 for EMAPA:29679>		

Modified Component 679			
ID	EMAPA:28940	Is Group Term	false
Name	paramesonephric duct of female, rest of		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[Mllerian duct of female, rest of]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), paramesonephric duct of female, rest of(EMAPA:28940)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28940) has order entry <1 for EMAPA:17959>		
	3. Different Synonyms - Referenced Component EMAPA:28940 has synonyms [Müllerian duct of female, rest of]		

Modified Component 680			
ID	EMAPA:28157	Is Group Term	false
Name	renal medullary vasculature		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:19279[renal medulla]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 680			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28157) has order entry <6 for EMAPA:19279>		

Modified Component 681			
ID	EMAPA:30938	Is Group Term	false
Name	muscle layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phallic urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), muscle layer of phallic urethra of female(EMAPA:30938)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), muscle layer of phallic urethra of female(EMAPA:30938)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30938) has order entry <4 for EMAPA:30917>		

Modified Component 682			
ID	EMAPA:29626	Is Group Term	false
Name	genital tubercle surface epithelium of female		
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:18680[genital tubercle of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		

Modified Component 682			
	system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different End Stage - Referenced Component EMAPA:29626 has End Stage [TS21]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29626) has order entry <0 for EMAPA:18680>		

Modified Component 683			
ID	EMAPA:30903	Is Group Term	false
Name	pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30901[urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30903) has order entry <0 for EMAPA:30901>		

Modified Component 684			
ID	EMAPA:30901	Is Group Term	false
Name	urethra		
Starts At	TS22	Ends At	TS22

Modified Component 684			
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30901) has order entry <13 for EMAPA:17366>		

Modified Component 685			
ID	EMAPA:30907	Is Group Term	false
Name	mesenchymal layer of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), mesenchymal layer of pelvic urethra(EMAPA:30907)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30907) has order entry <1 for EMAPA:30903>		

Modified Component 686			
ID	EMAPA:30905	Is Group Term	false
Name	epithelial layer of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), epithelial layer of pelvic urethra(EMAPA:30905)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), epithelial layer of pelvic		

Modified Component 686			
	urethra(EMAPA:30905)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30905) has order entry <0 for EMAPA:30903>		

Modified Component 687			
ID	EMAPA:30909	Is Group Term	false
Name	muscle layer of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30903[pelvic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), pelvic urethra(EMAPA:30903), muscle layer of pelvic urethra(EMAPA:30909)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30909) has order entry <2 for EMAPA:30903>		

Modified Component 688			
ID	EMAPA:29633	Is Group Term	false
Name	inner longitudinal muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), inner longitudinal muscle(EMAPA:29633)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), inner longitudinal muscle(EMAPA:29633)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29633) has order entry <0 for EMAPA:28844>		

Modified Component 689			
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Modified Component 689			
ID	EMAPA:29631	Is Group Term	false
Name	vasculature of the ovary		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), vasculature of the ovary(EMAPA:29631)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), vasculature of the ovary(EMAPA:29631)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29631) has order entry <16 for EMAPA:17962>		

Modified Component 690			
ID	EMAPA:30911	Is Group Term	false
Name	phallic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30901[urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30911) has order entry <1 for EMAPA:30901>		

Modified Component 691			
ID	EMAPA:30913	Is Group Term	false
Name	urethral plate of phallic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30911[phallic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911),		

Modified Component 691			
	urethral plate of phallic urethra(EMAPA:30913)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral plate of phallic urethra(EMAPA:30913)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30913) has order entry <0 for EMAPA:30911>		

Modified Component 692			
ID	EMAPA:30915	Is Group Term	false
Name	urethral fold of phallic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30911[phallic urethra]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral fold of phallic urethra(EMAPA:30915)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra(EMAPA:30901), phallic urethra(EMAPA:30911), urethral fold of phallic urethra(EMAPA:30915)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30915) has order entry <1 for EMAPA:30911>		

Modified Component 693			
ID	EMAPA:30917	Is Group Term	false
Name	phallic urethra of female		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28747[urethra of female]		
Group Parents			
Synonyms	[external urethra of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30917)		

Modified Component 693	
	has order entry <1 for EMAPA:28747>

Modified Component 694			
<i>ID</i>	EMAPA:29621	<i>Is Group Term</i>	false
<i>Name</i>	genital tubercle mesenchyme of female		
<i>Starts At</i>	TS20	<i>Ends At</i>	TS20
<i>Primary Parents</i>	EMAPA:18680[genital tubercle of female]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different End Stage - Referenced Component EMAPA:29621 has End Stage [TS21]		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29621) has order entry <1 for EMAPA:18680>		

Modified Component 695			
<i>ID</i>	EMAPA:28965	<i>Is Group Term</i>	false

Modified Component 695			
Name	meiotic germ cell		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:17965[germ cell of ovary]		
Group Parents			
Synonyms	[oocyte]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), meiotic germ cell(EMAPA:28965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), meiotic germ cell(EMAPA:28965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28965) has order entry <1 for EMAPA:17965>		

Modified Component 696			
ID	EMAPA:29645	Is Group Term	false
Name	male urethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), male urethral gland(EMAPA:29645)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), male urethral gland(EMAPA:29645)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29645) has order entry <6 for EMAPA:18692>		

Modified Component 697			
ID	EMAPA:30116	Is Group Term	false
Name	lamina propria of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 697			
	bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of neck(EMAPA:30116)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of neck(EMAPA:30116)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30116) has order entry <2 for EMAPA:30088>		

Modified Component 698			
ID	EMAPA:28971	Is Group Term	false
Name	premeiotic germ cell		
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:17965[germ cell of ovary]		
Group Parents			
Synonyms	[oogonia]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), premeiotic germ cell(EMAPA:28971)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), germ cell of ovary(EMAPA:17965), premeiotic germ cell(EMAPA:28971)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28971) has order entry <0 for EMAPA:17965>		

Modified Component 699			
ID	EMAPA:29655	Is Group Term	false
Name	Leydig cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18687[interstitium of the testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), Leydig cell(EMAPA:29655)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972),		

Modified Component 699			
	interstitium of the testis(EMAPA:18687), Leydig cell(EMAPA:29655)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29655) has order entry <1 for EMAPA:18687>		

Modified Component 700			
ID	EMAPA:29653	Is Group Term	false
Name	female urethral gland		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28747[urethra of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), female urethral gland(EMAPA:29653)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), female urethral gland(EMAPA:29653)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29653) has order entry <2 for EMAPA:28747>		

Modified Component 701			
ID	EMAPA:29635	Is Group Term	false
Name	outer circular muscle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:28844[ureteral smooth muscle layer]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), outer circular muscle(EMAPA:29635)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral smooth muscle layer(EMAPA:28844), outer circular muscle(EMAPA:29635)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29635) has order entry <1 for EMAPA:28844>		

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Modified Component 702			
ID	EMAPA:29637	Is Group Term	false
Name	median umbilical ligament		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), median umbilical ligament(EMAPA:29637)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), median umbilical ligament(EMAPA:29637)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29637) has order entry <9 for EMAPA:17366>		

Modified Component 703			
ID	EMAPA:30102	Is Group Term	false
Name	lamina propria of fundus		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of fundus(EMAPA:30102)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of fundus(EMAPA:30102)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30102) has order entry <0 for EMAPA:30088>		

Modified Component 704			
ID	EMAPA:29639	Is Group Term	false
Name	bulbar part of urethra of male		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 704			
	urethra of male(EMAPA:18692), bulbar part of urethra of male(EMAPA:29639)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), bulbar part of urethra of male(EMAPA:29639)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29639) has order entry <4 for EMAPA:18692>		

Modified Component 705			
ID	EMAPA:28978	Is Group Term	false
Name	degenerating mesonephric tubule of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric tubule of female(EMAPA:28978)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric tubule of female(EMAPA:28978)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28978) has order entry <2 for EMAPA:28909>		

Modified Component 706			
ID	EMAPA:30109	Is Group Term	false
Name	lamina propria of trigone		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:30088[lamina propria of the bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of trigone(EMAPA:30109)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088), lamina propria of trigone(EMAPA:30109)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 706	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30109) has order entry <1 for EMAPA:30088>

Modified Component 707			
ID	EMAPA:29641	Is Group Term	false
Name	distal region of urethra of male		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), distal region of urethra of male(EMAPA:29641)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), distal region of urethra of male(EMAPA:29641)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29641) has order entry <5 for EMAPA:18692>		

Modified Component 708			
ID	EMAPA:28981	Is Group Term	false
Name	degenerating mesonephric portion of nephric duct of female		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric portion of nephric duct of female(EMAPA:28981)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), degenerating mesonephric portion of nephric duct of female(EMAPA:28981)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28981) has order entry <4 for EMAPA:28909>		

Modified Component 709			

Modified Component 709			
<i>ID</i>	EMAPA:26913	<i>Is Group Term</i>	false
<i>Name</i>	inguinal canal		
<i>Starts At</i>	TS25	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17968[male reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<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), inguinal canal(EMAPA:26913)]		
<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), inguinal canal(EMAPA:26913)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:26913) has order entry <8 for EMAPA:17968>		

Modified Component 710			
<i>ID</i>	EMAPA:27599	<i>Is Group Term</i>	false
<i>Name</i>	nephric duct, metanephric portion		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:16367[genitourinary system] EMAPA:28425[nephric duct group]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, metanephric portion(EMAPA:27599)]		
<i>Alternate Paths</i>	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)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27599) has order entry <2 for EMAPA:28425>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27599) has order entry <9 for EMAPA:16367>		

Modified Component 711			
ID	EMAPA:27573	Is Group Term	false
Name	cloaca		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27573) has order entry <13 for EMAPA:16367>		

Modified Component 712			
ID	EMAPA:27570	Is Group Term	false
Name	posterior gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[caudal gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), posterior gonadal mesenchyme(EMAPA:27570)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), posterior gonadal mesenchyme(EMAPA:27570)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27570) has order entry <2 for EMAPA:16858>		

Modified Component 713			
ID	EMAPA:17377	Is Group Term	false
Name	nephric duct, metanephric portion		
Starts At	TS19	Ends At	TS20
Primary Parents	EMAPA:28429[nephric duct group] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[Wolffian duct]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),		

Modified Component 713			
	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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17377) has order entry <1 for EMAPA:28429>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17377) has order entry <6 for EMAPA:17366>		

Modified Component 714			
ID	EMAPA:17376	Is Group Term	false
Name	ureteric bud		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric bud(EMAPA:17376)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17376) has order entry <6 for EMAPA:17373>		

Modified Component 715			
ID	EMAPA:17379	Is Group Term	false
Name	urogenital sinus		
Starts At	TS19	Ends At	TS22
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]		

Modified Component 715			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17379) has order entry <12 for EMAPA:17366>		

Modified Component 716			
ID	EMAPA:28101	Is Group Term	false
Name	deep cellular layer		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[urothelium]		
Group Parents			
Synonyms	[basal urothelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), urothelium(EMAPA:28089), deep cellular layer(EMAPA:28101)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28101) has order entry <1 for EMAPA:28089>		

Modified Component 717			
ID	EMAPA:17378	Is Group Term	false
Name	urogenital membrane		
Starts At	TS19	Ends At	TS22
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital membrane(EMAPA:17378)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital membrane(EMAPA:17378)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17378) has order entry <18 for EMAPA:17366>		

Modified Component 718			
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Modified Component 718			
ID	EMAPA:17373	Is Group Term	false
Name	metanephros		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[kidney]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17373) has order entry <1 for EMAPA:17366>		

Modified Component 719			
ID	EMAPA:17375	Is Group Term	false
Name	metanephric mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), metanephric mesenchyme(EMAPA:17375)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17375) has order entry <2 for EMAPA:17373>		

Modified Component 720			
ID	EMAPA:28909	Is Group Term	false
Name	mesonephros of female		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]		

Modified Component 720			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28909) has order entry <0 for EMAPA:17959>		

Modified Component 721			
ID	EMAPA:27568	Is Group Term	false
Name	central gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), central gonadal mesenchyme(EMAPA:27568)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), central gonadal mesenchyme(EMAPA:27568)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27568) has order entry <1 for EMAPA:16858>		

Modified Component 722			
ID	EMAPA:27566	Is Group Term	false
Name	anterior gonadal mesenchyme		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16858[gonadal mesenchyme]		
Group Parents			
Synonyms	[rostral gonadal mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), anterior gonadal mesenchyme(EMAPA:27566)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), gonadal mesenchyme(EMAPA:16858), anterior gonadal mesenchyme(EMAPA:27566)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 722	
	order entries; Referenced Component (EMAPA:27566) has order entry <0 for EMAPA:16858>

Modified Component 723			
ID	EMAPA:27564	Is Group Term	false
Name	coelomic epithelium		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16857[gonad]		
Group Parents			
Synonyms	[germinal epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), coelomic epithelium(EMAPA:27564)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), coelomic epithelium(EMAPA:27564)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27564) has order entry <0 for EMAPA:16857>		

Modified Component 724			
ID	EMAPA:17368	Is Group Term	false
Name	urogenital mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17367[mesentery]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), urogenital mesentery(EMAPA:17368)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), urogenital mesentery(EMAPA:17368)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17368) has order entry <1 for EMAPA:17367>		

Modified Component 725			
ID	EMAPA:17367	Is Group Term	false
Name	mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			

Modified Component 725			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17367) has order entry <0 for EMAPA:17366>		

Modified Component 726			
ID	EMAPA:17366	Is Group Term	false
Name	urinary system		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:16245[visceral organ]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17366) has order entry <1 for EMAPA:16245>		

Modified Component 727			
ID	EMAPA:28914	Is Group Term	false
Name	mesonephric mesenchyme of female mesonephros		
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric mesenchyme of female mesonephros(EMAPA:28914)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric mesenchyme of female mesonephros(EMAPA:28914)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 727			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:28914) has order entry <0 for EMAPA:28909>	

Modified Component 728			
ID	EMAPA:28919	Is Group Term	false
Name	mesonephric tubule of female		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28909[mesonephros of female]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28919) has order entry <1 for EMAPA:28909>		

Modified Component 729			
ID	EMAPA:27591	Is Group Term	false
Name	nephric duct, mesonephric portion		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:28425[nephric duct group] EMAPA:16744[mesonephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), nephric duct, mesonephric portion(EMAPA:27591)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, mesonephric portion(EMAPA:27591)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), nephric duct, mesonephric portion(EMAPA:27591)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, mesonephric portion(EMAPA:27591)]		

Modified Component 729			
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27591) has order entry <1 for EMAPA:28425>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27591) has order entry <5 for EMAPA:16744>		

Modified Component 730			
<i>ID</i>	EMAPA:28120	<i>Is Group Term</i>	false
<i>Name</i>	pelvic smooth muscle		
<i>Starts At</i>	TS23	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17948[pelvis]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28120) has order entry <1 for EMAPA:17948>		

Modified Component 731			
<i>ID</i>	EMAPA:27588	<i>Is Group Term</i>	false
<i>Name</i>	mesonephric tubule		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:16744[mesonephros]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27588) has order entry <4 for EMAPA:16744>		

Modified Component 732			
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Modified Component 732			
<i>ID</i>	EMAPA:27581	<i>Is Group Term</i>	false
<i>Name</i>	associated mesenchyme		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:27573[cloaca]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]		
<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), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27581) has order entry <1 for EMAPA:27573>		

Modified Component 733			
<i>ID</i>	EMAPA:17382	<i>Is Group Term</i>	false
<i>Name</i>	genital tubercle		
<i>Starts At</i>	TS19	<i>Ends At</i>	TS19
<i>Primary Parents</i>	EMAPA:17381[reproductive system]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382)]		
<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), genital tubercle(EMAPA:17382)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17382) has order entry <3 for EMAPA:17381>		

Modified Component 734			
<i>ID</i>	EMAPA:27585	<i>Is Group Term</i>	false
<i>Name</i>	mesonephric mesenchyme		
<i>Starts At</i>	TS17	<i>Ends At</i>	TS18
<i>Primary Parents</i>	EMAPA:16744[mesonephros]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric mesenchyme(EMAPA:27585)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 734			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric mesenchyme(EMAPA:27585)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27585) has order entry <3 for EMAPA:16744>		

Modified Component 735			
ID	EMAPA:17381	Is Group Term	false
Name	reproductive system		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:16245[visceral organ]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17381) has order entry <2 for EMAPA:16245>		

Modified Component 736			
ID	EMAPA:17380	Is Group Term	false
Name	urorectal septum		
Starts At	TS19	Ends At	TS28
Primary Parents	EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urorectal septum(EMAPA:17380)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urorectal septum(EMAPA:17380)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17380) has order entry <17 for EMAPA:17366>		

Modified Component 737			
ID	EMAPA:17386	Is Group Term	false
Name	primordial germ cell		

Modified Component 737			
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), primordial germ cell(EMAPA:17386)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), primordial germ cell(EMAPA:17386)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17386) has order entry <2 for EMAPA:17383>		

Modified Component 738			
ID	EMAPA:17385	Is Group Term	false
Name	gonadal mesenchyme		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[mesenchyme]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), gonadal mesenchyme(EMAPA:17385)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17385) has order entry <1 for EMAPA:17383>		

Modified Component 739			
ID	EMAPA:17384	Is Group Term	false
Name	coelomic epithelium		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17383[gonad]		
Group Parents			
Synonyms	[germinal epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383), coelomic epithelium(EMAPA:17384)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 739			
	system(EMAPA:17381), gonad(EMAPA:17383), coelomic epithelium(EMAPA:17384)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17384) has order entry <0 for EMAPA:17383>		

Modified Component 740			
ID	EMAPA:17383	Is Group Term	false
Name	gonad		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17381[reproductive system]		
Group Parents			
Synonyms	[gonad primordium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), gonad(EMAPA:17383)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17383) has order entry <1 for EMAPA:17381>		

Modified Component 741			
ID	EMAPA:28114	Is Group Term	false
Name	adventitia of ureter		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17950[ureter]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), adventitia of ureter(EMAPA:28114)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), adventitia of ureter(EMAPA:28114)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28114) has order entry <5 for EMAPA:17950>		

Modified Component 742			
ID	EMAPA:27577	Is Group Term	false
Name	cloacal epithelium		

Modified Component 742			
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:27573[cloaca]		
Group Parents			
Synonyms	[distal urethral epithelium]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), cloacal epithelium(EMAPA:27577)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), cloacal epithelium(EMAPA:27577)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27577) has order entry <0 for EMAPA:27573>		

Modified Component 743			
ID	EMAPA:18985	Is Group Term	false
Name	uterine horn		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[uterus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterine horn(EMAPA:18985)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18985) has order entry <9 for EMAPA:17959>		

Modified Component 744			
ID	EMAPA:18984	Is Group Term	false
Name	oviduct		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 744			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18984) has order entry <8 for EMAPA:17959>		

Modified Component 745			
ID	EMAPA:18976	Is Group Term	false
Name	cortical renal tubule		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28506[developing capillary loop stage nephron GROUP] EMAPA:28445[stage IV immature nephron] EMAPA:28485[maturing nephron] EMAPA:28491[mature nephron] EMAPA:28527[late tubule] EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976)]		

Modified Component 745			
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <0 for EMAPA:17954>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <0 for EMAPA:28491>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <1 for EMAPA:28445>		
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <1 for EMAPA:28485>		
	6. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <1 for EMAPA:28506>		
	7. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <2 for EMAPA:28527>		
	8. Different Order - This component has no order entries; Referenced Component (EMAPA:18976) has order entry <6 for EMAPA:17952>		

Modified Component 746			
ID	EMAPA:18978	Is Group Term	false
Name	cystic vesicular appendage		
Starts At	TS24	Ends At	TS28

Modified Component 746			
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), cystic vesicular appendage(EMAPA:18978)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), cystic vesicular appendage(EMAPA:18978)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18978) has order entry <5 for EMAPA:17959>		

Modified Component 747			
ID	EMAPA:18998	Is Group Term	false
Name	urethral plate of male		
Starts At	TS23	Ends At	TS24
Primary Parents	EMAPA:17956[phallic urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral plate of male(EMAPA:18998)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), phallic urethra of male(EMAPA:17956), urethral plate of male(EMAPA:18998)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18998) has order entry <4 for EMAPA:17956>		

Modified Component 748			
ID	EMAPA:18999	Is Group Term	false
Name	lower part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999)]		

Modified Component 748			
Alternate 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18999) has order entry <0 for EMAPA:18986>		

Modified Component 749			
ID	EMAPA:18995	Is Group Term	false
Name	pelvic urethra of male		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:18692[urethra of male]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), pelvic urethra of male(EMAPA:18995)]		
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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18995) has order entry <0 for EMAPA:18692>		

Modified Component 750			
ID	EMAPA:18993	Is Group Term	false
Name	efferent duct of seminal vesicle		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[vasa efferentia]		
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), efferent duct of seminal vesicle(EMAPA:18993)]		
Alternate 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), efferent duct of seminal vesicle(EMAPA:18993)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18993) has order entry <11 for EMAPA:17968>		

Modified Component 751			
ID	EMAPA:18988	Is Group Term	false
Name	glans penis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18988) has order entry <0 for EMAPA:18682>		

Modified Component 752			
ID	EMAPA:18989	Is Group Term	false
Name	prepuce of male		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of		

Modified Component 752			
	male(EMAPA:18989)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18989) has order entry <2 for EMAPA:18682>		

Modified Component 753			
ID	EMAPA:18986	Is Group Term	false
Name	vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17959[female reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18986) has order entry <11 for EMAPA:17959>		

Modified Component 754			
ID	EMAPA:18987	Is Group Term	false
Name	upper part of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18986[vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 754	
	order entries; Referenced Component (EMAPA:18987) has order entry <1 for EMAPA:18986>

Modified Component 755			
ID	EMAPA:30088	Is Group Term	false
Name	lamina propria of the bladder		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:18321[bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), lamina propria of the bladder(EMAPA:30088)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30088) has order entry <1 for EMAPA:18321>		

Modified Component 756			
ID	EMAPA:31058	Is Group Term	true
Name	ovigerous cord		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17962[ovary]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31058) has order entry <17 for EMAPA:17962>		

Modified Component 757			
ID	EMAPA:29609	Is Group Term	false
Name	rest of mesentery		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17367[mesentery]		

Modified Component 757			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29609) has order entry <0 for EMAPA:17367>		

Modified Component 758			
ID	EMAPA:29605	Is Group Term	false
Name	coelomic vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vasculature of testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), coelomic vessel(EMAPA:29605)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), coelomic vessel(EMAPA:29605)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29605) has order entry <0 for EMAPA:29603>		

Modified Component 759			
ID	EMAPA:29607	Is Group Term	false
Name	interstitial vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vasculature of testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]		

Modified Component 759			
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29607) has order entry <1 for EMAPA:29603>		

Modified Component 760			
<i>ID</i>	EMAPA:29603	<i>Is Group Term</i>	false
<i>Name</i>	vasculature of testis		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:17972[testis]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
<i>Rule Status</i>	PASSED	<i>Edit Status</i>	CHANGED
<i>Comments</i>	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29603) has order entry <11 for EMAPA:17972>		

Modified Component 761			
<i>ID</i>	EMAPA:30051	<i>Is Group Term</i>	false
<i>Name</i>	circular muscle layer of rest of oviduct		
<i>Starts At</i>	TS28	<i>Ends At</i>	TS28
<i>Primary Parents</i>	EMAPA:30049[muscle layer of rest of oviduct]		
<i>Group Parents</i>			
<i>Synonyms</i>	[]		
<i>Primary Path</i>	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		
<i>Alternate Paths</i>	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		

Modified Component 761			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30051) has order entry <1 for EMAPA:30049>		

Modified Component 762			
ID	EMAPA:31021	Is Group Term	false
Name	bend		
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(EMAPA:31021)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 762	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31021) has order entry <1 for EMAPA:28049>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31021) has order entry <1 for EMAPA:31414>

Modified Component 763			
ID	EMAPA:30991	Is Group Term	true
Name	epithelium of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30991) has order entry <3 for EMAPA:18986>		

Modified Component 764			
ID	EMAPA:30043	Is Group Term	false
Name	renal medullary capillary		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28157[renal medullary vasculature] EMAPA:31443[renal capillaries] EMAPA:31469[small blood vessels] EMAPA:28457[renal vasculature]		
Group Parents			
Synonyms	[vasa recta]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary capillary(EMAPA:30043)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		

Modified Component 764			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary capillary(EMAPA:30043)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal medullary capillary(EMAPA:30043)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary capillary(EMAPA:30043)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal medullary capillary(EMAPA:30043)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary capillary(EMAPA:30043)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA:28157>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA:31443>		
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <6 for EMAPA:31469>		
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <9 for EMAPA:28457>		

Modified Component 765			
ID	EMAPA:31025	Is Group Term	false
Name	meiotic oocytes		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17962[ovary] EMAPA:31058[ovigerous cord]		
Group Parents			
Synonyms	[]		

Modified Component 765			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), meiotic oocytes(EMAPA:31025)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), meiotic oocytes(EMAPA:31025)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31025) has order entry <0 for EMAPA:31058>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31025) has order entry <4 for EMAPA:17962>		

Modified Component 766			
ID	EMAPA:30997	Is Group Term	true
Name	muscular layer of vagina		
Starts At	TS24	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:18986[vagina]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30997) has order entry <4 for EMAPA:18986>		

Modified Component 767			
ID	EMAPA:30049	Is Group Term	false
Name	muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28

Modified Component 767			
Primary Parents	EMAPA:29905[rest of oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30049) has order entry <1 for EMAPA:29905>		

Modified Component 768			
ID	EMAPA:30057	Is Group Term	false
Name	longitudinal muscle layer of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29270[muscle layer of ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 768			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:30057) has order entry <1 for EMAPA:29270>	

Modified Component 769			
ID	EMAPA:30053	Is Group Term	false
Name	longitudinal muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30049[muscle layer of rest of oviduct]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), longitudinal muscle layer of rest of oviduct(EMAPA:30053)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), longitudinal muscle layer of rest of oviduct(EMAPA:30053)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30053) has order entry <0 for EMAPA:30049>		

Modified Component 770			
ID	EMAPA:30055	Is Group Term	false
Name	circular muscle layer of ductus deferens		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29270[muscle layer of ductus deferens]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270),		

Modified Component 770			
	circular muscle layer of ductus deferens(EMAPA:30055)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30055) has order entry <0 for EMAPA:29270>		

Modified Component 771			
ID	EMAPA:31017	Is Group Term	false
Name	straight limb		
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:31414[medullary renal tubule] EMAPA:28049[immature loop of Henle]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 771			
	system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31017) has order entry <0 for EMAPA:28049>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31017) has order entry <0 for EMAPA:31414>		

Modified Component 772			
ID	EMAPA:30984	Is Group Term	true
Name	female external genitalia		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17959[female reproductive system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30984) has order entry <19 for EMAPA:17959>		

Modified Component 773			
ID	EMAPA:19279	Is Group Term	false
Name	renal medulla		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17373[metanephros]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),		

Modified Component 773			
	renal medulla(EMAPA:19279)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19279) has order entry <17 for EMAPA:17373>		

Modified Component 774			
ID	EMAPA:30072	Is Group Term	false
Name	mesenchyme of paramesonephric duct, mesonephric portion		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:28937[paramesonephric duct of female, mesonephric portion]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30072) has order entry <1 for EMAPA:28937>		

Modified Component 775			
ID	EMAPA:30070	Is Group Term	false
Name	epithelium of paramesonephric duct, mesonephric portion		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:28937[paramesonephric duct of female, mesonephric portion]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), epithelium of paramesonephric duct, mesonephric portion(EMAPA:30070)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 775			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), epithelium of paramesonephric duct, mesonephric portion(EMAPA:30070)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30070) has order entry <0 for EMAPA:28937>		

Modified Component 776			
ID	EMAPA:19285	Is Group Term	false
Name	male accessory gland		
Starts At	TS26	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19285) has order entry <17 for EMAPA:17968>		

Modified Component 777			
ID	EMAPA:19284	Is Group Term	false
Name	primary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), primary follicle(EMAPA:19284)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no		

Modified Component 777	
	order entries; Referenced Component (EMAPA:19284) has order entry <6 for EMAPA:17962>

Modified Component 778			
ID	EMAPA:31045	Is Group Term	false
Name	ureteric tree terminal branch excluding tip itself		
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28407[collecting duct] EMAPA:27721[nephrogenic zone]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31045) has order entry <1 for EMAPA:28407>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31045) has order entry <4 for EMAPA:27721>		

Modified Component 779			
ID	EMAPA:30068	Is Group Term	false
Name	cranial suspensory ligament		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cranial suspensory ligament(EMAPA:30068)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 779			
	system(EMAPA:17968), cranial suspensory ligament(EMAPA:30068)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30068) has order entry <6 for EMAPA:17968>		

Modified Component 780			
ID	EMAPA:19280	Is Group Term	true
Name	Loop of Henle group		
Starts At	TS25	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:28491[mature nephron] EMAPA:19279[renal medulla]		
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), Loop of Henle group(EMAPA:19280)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19280) has order entry <1 for EMAPA:28491>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:19280) has order entry <9 for EMAPA:19279>		

Modified Component 781			
ID	EMAPA:19287	Is Group Term	false
Name	prostate gland		
Starts At	TS26	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 781			
	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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19287) has order entry <1 for EMAPA:19285>		

Modified Component 782			
ID	EMAPA:19286	Is Group Term	false
Name	bulbourethral gland		
Starts At	TS26	Ends At	TS28
Primary Parents	EMAPA:19285[male accessory gland]		
Group Parents			
Synonyms	[Cowper's gland]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19286) has order entry <0 for EMAPA:19285>		

Modified Component 783			
ID	EMAPA:19289	Is Group Term	false
Name	tunica albuginea of testis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17972[testis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica albuginea of testis(EMAPA:19289)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica albuginea of testis(EMAPA:19289)]		

Modified Component 783			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19289) has order entry <9 for EMAPA:17972>		

Modified Component 784			
ID	EMAPA:30977	Is Group Term	true
Name	male external genitalia		
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17968[male reproductive system]		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977)]		
Alternate 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 external genitalia(EMAPA:30977)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30977) has order entry <25 for EMAPA:17968>		

Modified Component 785			
ID	EMAPA:31040	Is Group Term	false
Name	rest of cortical component of mesenchymal stroma of ovary		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:29009[cortical component of mesenchymal stroma]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), rest of cortical component of mesenchymal stroma of ovary(EMAPA:31040)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), rest of cortical component of mesenchymal stroma of ovary(EMAPA:31040)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 785			
		2. Different Order - This component has no order entries; Referenced Component (EMAPA:31040) has order entry <0 for EMAPA:29009>	

Modified Component 786			
ID	EMAPA:30081	Is Group Term	false
Name	epithelium of neck		
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[epithelium of bladder]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of neck(EMAPA:30081)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), epithelium of bladder(EMAPA:28601), epithelium of neck(EMAPA:30081)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30081) has order entry <2 for EMAPA:28601>		

Modified Component 787			
ID	EMAPA:19296	Is Group Term	false
Name	scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system] EMAPA:30977[male external genitalia]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 787	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19296) has order entry <24 for EMAPA:17968>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:19296) has order entry <4 for EMAPA:30977>

Modified Component 788			
ID	EMAPA:31035	Is Group Term	false
Name	pre-granulosa cell		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:29009[cortical component of mesenchymal stroma] EMAPA:31058[ovigerous cord]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), pre-granulosa cell(EMAPA:31035)]		
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), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), pre-granulosa cell(EMAPA:31035)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), mesenchymal stroma of ovary(EMAPA:28880), cortical component of mesenchymal stroma(EMAPA:29009), pre-granulosa cell(EMAPA:31035)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), pre-granulosa cell(EMAPA:31035)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31035) has order entry <1 for EMAPA:29009>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31035) has order entry <1 for EMAPA:31058>		

Modified Component 789			
ID	EMAPA:30074	Is Group Term	false
Name	genital swelling		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genitourinary system]		
Group Parents			
Synonyms	[]		

Modified Component 789			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), genital swelling(EMAPA:30074)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), genital swelling(EMAPA:30074)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30074) has order entry <16 for EMAPA:16367>		

Modified Component 790			
ID	EMAPA:30077	Is Group Term	false
Name	dorsal genital swelling		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[dorsal genital tubercle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), dorsal genital swelling(EMAPA:30077)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), dorsal genital swelling(EMAPA:30077)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30077) has order entry <0 for EMAPA:17382>		

Modified Component 791			
ID	EMAPA:19294	Is Group Term	false
Name	crus penis		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18682[penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 791			
	system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19294) has order entry <1 for EMAPA:18682>		

Modified Component 792			
ID	EMAPA:19293	Is Group Term	false
Name	corpus epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19293) has order entry <2 for EMAPA:19290>		

Modified Component 793			
ID	EMAPA:30079	Is Group Term	false
Name	ventrolateral genital swelling		
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genital tubercle]		
Group Parents			
Synonyms	[ventrolateral genital tubercle]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), ventrolateral genital swelling(EMAPA:30079)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), ventrolateral genital swelling(EMAPA:30079)]		
Rule Status	PASSED	Edit Status	CHANGED

Modified Component 793	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30079) has order entry <1 for EMAPA:17382>

Modified Component 794			
ID	EMAPA:19292	Is Group Term	false
Name	cauda epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19292) has order entry <1 for EMAPA:19290>		

Modified Component 795			
ID	EMAPA:19291	Is Group Term	false
Name	caput epididymis		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19290[epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19291) has order entry <0 for EMAPA:19290>		

Modified Component 796			
ID	EMAPA:19290	Is Group Term	false

Modified Component 796			
Name	epididymis		
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19290) has order entry <12 for EMAPA:17968>		

Modified Component 797			
ID	EMAPA:30965	Is Group Term	false
Name	glomerular basement membrane		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[maturing glomerular tuft]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal		

Modified Component 797			
	corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30965) has order entry <3 for EMAPA:27949>		

DELETED COMPONENTS

Total Deleted Components: 1

1. EMAPA:30759 - follicle cell of primordial follicle

DETAILS:

Deleted Components 1			
ID	EMAPA:30759	Is Group Term	false
Name	follicle cell of primordial follicle		
Starts At		Ends At	
Primary Parents			
Group Parents			
Synonyms	[granulose cell]		
Primary Path	[N/A]		
Alternate Paths			
Rule Status	PASSED	Edit Status	DELETED
Comments	1. Component has been deleted correctly from OBO File and can be scheduled for deletion in database		
	2. INFO: Obsolete Term		

APPENDIX

CRITICAL terms = Terms that require revision.

NEW terms = Terms that did not exist in the original file/database.

MODIFIED terms = Terms that have a changed property.

DELETED terms = Terms that exist in the original file/database but are no longer in the current file.