Editor Report for Import of OBO File: /net/homehost/export/home/mwicks/ma-day/workspace/Anatomy/Database/Versions/Version006/ConvertFromVersion004/OBOFiles/Version004_Changes_1_21-04-2009.obo

Components Checked Status	Failed*	Passed**	Total
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

CRITICAL COMPONENTS: REQUIRE REVISION

Total Critical Components: 0

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

Total New Components: 83

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    EMAPA:31500 - mesenchyme of urogenital sinus
    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
7. EMAPA: 31506 - proximal genital tubercie 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:31513 - early distal tubule of maturing nephron
16. EMAPA:31514 - early distal tubule of maturing nephron
17. EMAPA:31515 - renal connecting tubule of maturing nephron
18. EMAPA:31517 - renal connecting tubule of mature nephron
19. EMAPA:31518 - urethral epithelium
20. 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:31521 - early distal tubule of C
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
 33. EMAPA:31532 - developing vasculature of 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
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:31551 - 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 - merve 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:31560 - corrical relial tubule of mature for 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
72. EMAPA:31571 - cortical renal tubule of capillary loop hepl
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
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- 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 uro	genital 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 EMAP	A:ID generated: E	MAPA:31500

ID	EMAPA:31501	Is Group Term	false
Name	mesenchyme of pro	ximal genital tub	ercle 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 EMAP	A:ID generated: E	MAPA: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	е	
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 EMAP	2. New EMAPA:ID generated: EMAPA:31506		

New Component 8				
ID	EMAPA:31507	Is Group Term	false	
Name	distal urethral e	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 ma	le
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		

ID	EMAPA:31509	Is Group Term	false	
Name	epithelium of uro	genital 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 EMAP	A:ID generated: E	MAPA:31509	

New Component 11					
ID	EMAPA:31510	Is Group Term	false		
Name	developing vascul	ature of male gen	ital 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			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2.	New EMAPA: ID generated:	EMAPA:31511

New Component 13				
ID	EMAPA:31512	Is Group Term	false	
Name	early proximal tu	bule of maturing	nephron	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:28284[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 EMAP	A:ID generated: E	MAPA:31512	

New Component 14				
ID	EMAPA:31513	Is Group Term	false	
Name	early distal tubu	le of maturing ne	phron	
Starts At	TS22	Ends At	TS24	
Primary Parents	EMAPA:28007[early distal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]			
Group Parents				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAP	A:ID generated: E	MAPA:31513	

New Component 15				
ID	EMAPA:31514	Is Group Term	false	
Name	early distal tubu	le of maturing ne	phron	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:28390[early distal tubule] JFA:0001012[cortical renal tubule of maturing nephron GROUP]			
Group Parents				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAP	A:ID generated: El	MAPA:31514	

New Component 16			
ID	EMAPA:31515	Is Group Term	false
Name	renal connecting	tubule of capillar	ry loop nephron
Starts At	TS22	Ends At	TS27
Primary Parents	JFA:0001011[corti	cal renal tubule o	of capillary loop

New Component 16							
	nephron	GROUP]	EM2	APA:28011[renal	C	onnecting	tubule]
Group Parents							
Synonyms	[]						
Rule Status	PASSED			Edit Status		NEW	
Comments	1.						
	2.	New El	MAPA	A:ID generated:	Εľ	MAPA:31515	

New Component 17				
ID	EMAPA:31516	Is Group Term	false	
Name	renal connecting	tubule of maturing	g 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 EMAP	A:ID generated: E	MAPA: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 EMAP	A:ID generated: E	MAPA:31517	

New Component 19			
ID	EMAPA:31518	Is Group Term	false
Name	urethral epitheli	um	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genit	al tubercle]	
Group Parents			
Synonyms	[urethral plate,	urethral seam]	
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: El	MAPA: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[uı	coger	nital sinus]		
Group Parents					
Synonyms	[]				
Rule Status	PASSED		Edit Status		NEW
Comments	1.				
	2. New I	EMAPA	A:ID generated:	Εľ	MAPA:31519

New Component 21			
ID	EMAPA:31520	Is Group Term	false
Name	epithelium of uro	genital 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 EMAP	A:ID generated: E	MAPA:31520

New Component 22			
ID	EMAPA:31521	Is Group Term	false
Name	early distal tubu	le of capillary l	oop 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.	<u> </u>	·
	2. New EMAP	A:ID generated: E	MAPA: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 EMAP	A:ID generated: E	MAPA:31522	

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

New Component 24			
Primary Parents	JFA:0001010[nerve EMAPA:30903[pelvi	es of urethra GROU. c urethra]	Ρ]
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: E	MAPA: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 EMAP	A:ID generated: El	MAPA:31524	

New Component 26			
ID	EMAPA:31525	Is Group Term	false
Name	mesenchymal layer	of ventral primit	tive bladder
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30876[mesen	chymal layer of p	rimitive bladder]
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: E	MAPA: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 EMAP	A:ID generated: El	MAPA: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 urogenit	al 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 EMAP	A:ID generated: E	MAPA:31528	

New Component 30				
ID	EMAPA:31529	Is Group Term	false	
Name	mesenchymal layer	of dorsal primit	ive 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 EMAP	A:ID generated: El	MAPA:31529	

New Component 31				
ID	EMAPA:31530	Is Group Term	false	
Name	proximal urethral	epithelium of fer	male	
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 EMAP	A:ID generated:	EM	APA:31531	

New Component 33					
ID	EMAPA:31532	Is Group Term	false		
Name	developing vascul	ature of urogenita	al 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 urogeni	tal 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 EMAP	A:ID generated: El	MAPA:31533	

New Component 35					
ID	EMAPA:31534	Is Group Term	false		
Name	mesenchyme of pro	ximal genital tube	ercle 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[proxima	l genital tubercle	e of female]	

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

New Component 37				
ID	EMAPA:31536	Is Group Term	false	
Name	distal urethral e	pithelium of fema	le	
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			

ID	EMAPA:31537	Is Group Term	false			
Name	developing vascul	ature of male meso	onephros			
Starts At	TS20	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 vascul	ature of female me	esonephros	
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 EMAP	A:ID generated: EN	MAPA: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[devel	oping vasculature	of urinary

New Component 40					
	system GRO	OUP] EMA	PA:30870[primit	iv	e bladder]
Group Parents					
Synonyms	[]				
Rule Status	PASSED		Edit Status		NEW
Comments	1.				
	2. N	lew EMAP	A:ID generated:	EI	MAPA: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 EMAP	A:ID generated: El	MAPA:31540	

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 EMAP	A:ID generated: E	MAPA:31541	

New Component 43				
ID	EMAPA:31542	Is Group Term	false	
Name	early proximal tu	bule 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 tu	bule of capillary	loop nephron
Starts At	TS25	Ends At	TS27

New Component 44				
Primary Parents	JFA:0001011[cortinephron GROUP] EM		of capillary loop proximal tubule]	
Group Parents				
Synonyms	[anlage of proximal tubule]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAR	A:ID generated: E	MAPA:31543	

New Component 45				
ID	EMAPA:31544	Is Group Term	false	
Name	early proximal tu	bule 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 EMAP	A:ID generated: El	MAPA:31544	

ID	EMAPA:31545	Is Group Term	false	
Name	renal connecting	segment of comma-s	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 EMAP	A:ID generated: EN	MAPA: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 EMAP	A:ID generated: E	MAPA: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 EMAF	A:ID generated: E	MAPA:31547

New Component 49			
ID	EMAPA:31548	Is Group Term	false
Name	distal renal vesi	cle	
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 ve	sicle	
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 EMAP	A:ID generated: E	MAPA:31549

New Component 51			
ID	EMAPA:31550	Is Group Term	false
Name	mesenchymal layer	of ventral pelvio	c 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[nerve	s of urethra GROU	P]
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: El	MAPA: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 EMAP	A:ID generated: E	MAPA: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 v	entral pelvic ure	thra of male

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

New Component 57			
ID	EMAPA:31556	Is Group Term	false
Name	muscle layer of d	orsal pelvic uret	hra 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 u	rethra	
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 u	rethra	
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 v	entral pelvic ure	thra 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 EMA	PA:ID generated: E	MAPA:31559

New Component 61			
ID	EMAPA:31560	Is Group Term	false
Name	muscle layer of d	orsal pelvic uretl	hra 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 EMAP	A:ID generated: El	MAPA:31560

ID	EMAPA:31561	Is Group Term	false
Name	ventral mesenchym	e of pelvic ureth	ra
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 EMAP	A:ID generated: EN	MAPA: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 vascul	ature of reproduct	tive 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 u	rethra 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 EMAP	A:ID generated: El	MAPA:31565	

New Component 67			
ID	EMAPA:31566	Is Group Term	true
Name	cortical renal tu	bule of mature ne	phron 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 Grou EMAPA:18976[corti	p Component - Com cal renal tubule]	mon Ancestor is

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

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

New Component 70			
ID	EMAPA:31569	Is Group Term	true
Name	nerves of urethra	GROUP	
Starts At	TS22	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:31569		
	3. New Grou EMAPA:17366[urina	p Component - Com ry system]	mon Ancestor is

New Component 71			
ID	EMAPA:31570	Is Group Term	true
Name	cortical renal tu	bule of maturing	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:31570		
	3. New Grou	p Component - Com	mon Ancestor is

New Component 71

EMAPA:18976[cortical renal tubule]

New Component 72				
ID	EMAPA:31571	Is Group Term	true	
Name	cortical renal tu GROUP	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 Grou EMAPA:18976[corti	p Component - Com cal renal tubule]	mon Ancestor is	

ID	EMAPA:31572	Is Group Term	false
Name	dorsal mesenchyme	of pelvic urethra	a.
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 EMAP	A:ID generated: E	MAPA:31572

New Component 74			
ID	EMAPA:31573	Is Group Term	false
Name	mesenchyme of pel	vic 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 EMAP	A:ID generated: E	MAPA:31573

New Component 75			
ID	EMAPA:31574	Is Group Term	false
Name	mesenchymal layer	of ventral pelvio	c urethra
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:30907[mesen	chymal layer of pe	elvic 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 EMAP	A:ID generated: E	MAPA:31575

New Component 77			
ID	EMAPA:31576	Is Group Term	false
Name	muscle layer of v	entral pelvic ure	thra
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 EMAP	A:ID generated: EN	MAPA:31576

New Component 78				
ID	EMAPA:31577	Is Group Term	false	
Name	muscle layer of d	orsal pelvic uretl	nra	
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 EMAP	2. New EMAPA:ID generated: EMAPA:31577		

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

New Component 79			
	2. Ne	w EMAPA:ID generate	d: EMAPA:31578

New Component 80			
ID	EMAPA:31579	Is Group Term	false
Name	developing vascul	ature of urinary	system
Starts At	TS19	Ends At	TS19
Primary Parents	ID:000003[developing vasculature of genitourinary system GROUP] EMAPA:17366[urinary system]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: E	MAPA:31579

New Component 81			
ID	EMAPA:31580	Is Group Term	false
Name	developing vascul	ature of reproduc	tive 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 EMAP	A:ID generated: E	MAPA:31580

New Component 82				
ID	EMAPA:31581	Is Group Term	true	
Name	developing vascul GROUP	developing vasculature of genitourinary system GROUP		
Starts At	TS19	Ends At	TS19	
Primary Parents	Tmp_new_group[Tmp new group]			
Group Parents	EMAPA:16245[visce	ral 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

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    EMAPA:30627 - scrotal fold surface epithelium of male
    EMAPA:29907 - epithelial layer of rest of oviduct

3. EMAPA: 30624 - scrotal fold mesenchyme of male
4. EMAPA:16368 - nephric cord
5. EMAPA:10300 repulse to the first cold for the fi
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: 27696 - 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 - adventilia 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
                                          - capillary
76. EMAPA:28075
                                          - proximal straight tubule
 77. EMAPA: 28862
78. EMAPA: 28073 - venous
79. EMAPA:28071 - arterial
80. EMAPA: 28856 - mesenchymal layer of phallic urethra of male
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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
115. EMAPA:29976 - endothelial layer of renal a 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
149. EMAPA: 29806
                              - cloaca
                              - rest of interstitium of anterior prostate
150. EMAPA: 29804 - smooth muscle of anterior prostate
151. EMAPA:29802
                              - anterior prostatic interstitium
                              - ductal epithelium of anterior prostate
152. EMAPA:29800
153. EMAPA:30720
154. EMAPA:30725
                              surface epithelium of glans clitorismesenchyme 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:30753 - 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
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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
                          - resident macrophage of the outer medulla
180. EMAPA:31389
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 pro-
                          - 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 la
190. EMAPA:29030 - epithelium
                          - muscular layer
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
                             germinal cell of mature follicle
198. EMAPA:30781 -
                          - ductal epithelium of lateral prostate
- glandular epithelium of lateral prostate
199. EMAPA: 29828
200. EMAPA: 29826
201. EMAPA:31399
202. EMAPA:29046
                         - inner medullary fibroblast
- muscle layer of oviduct
                         epithelial layer of oviductlateral prostatic interstit
203. EMAPA: 29043
204. EMAPA: 29830
205. EMAPA: 29049
                             lateral prostatic interstitium
                          - outer layer of oviduct
                         - smooth muscle of dorsal prostate
- vasculature of seminal vesicle
206. EMAPA:29818
207. EMAPA:30797
208. EMAPA: 30799
                          - vasculature of ejaculatory duct
209. EMAPA:30793
210. EMAPA:29810
                          - vasculature of ductus deferens
- 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
215. EMAPA:29816
                         vasculature of scrotumdorsal prostatic interstitium
216. EMAPA:29055
217. EMAPA:29058
                          - muscular layer of upper part of vagina
- epithelial layer of lower part of vagina
218. EMAPA:29820
                          - rest of interstitium of dorsal prostate
219. EMAPA:29052
220. EMAPA:28759
                         epithelial layer of upper part of vaginaepithelial 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
227. EMAPA:18326
                          - rete testis
                          - renal medullary interstitium
                          - labial swelling
228. EMAPA:18329
                         - Mllerian tubercle
- rest of inner medullary interstitium
229. EMAPA:18328
230. EMAPA:31409

resident macrophage of the inner medulla
epithelial layer of ureter
mesenchymal layer of pelvic urethra of female

231. EMAPA:31404
232. EMAPA: 27708
233. EMAPA: 28765
234. EMAPA:28771
                          - muscle layer of pelvic urethra of female
235. EMAPA:19089
                             gubernaculum
                             ejaculatory duct
suspensory ligament of ovary
appendix testis
236. EMAPA:19088
237. EMAPA:19085
238. EMAPA:19087
239. EMAPA:19086
                          appendix epididymistheca of ruptured follicle
240. EMAPA: 29882
241. EMAPA:29880
                          - ruptured follicle
242. EMAPA:29886 - corpus luteum
243. EMAPA:29884 - germinal cell of ruptured follicle
                          apoptotic germinal celloocyte of atretic follicle
244. EMAPA:29878
245. EMAPA: 29876
246. EMAPA:27721 - nephrogenic zone
247. EMAPA:31469 - small blood vessels
248. EMAPA:29897 - infundibulum
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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
269. EMAPA:31478 - Sertoli cell
                          - Seminiferous tubule
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
299. EMAPA: 27790 - renar 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
299. EMAPA:27780
                          - renal tubule
                          - 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 swelli
                          - 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
                          - scrotal fold
315. EMAPA:29316
                          - glandular tissue of seminal vesicle
- distal genital tubercle of female
316. EMAPA:29321
317. EMAPA:30484
318. EMAPA: 30487
319. EMAPA: 30490
                          - mesenchyme of distal genital tubercle of female
- surface epithelium of distal genital tubercle of female
320. EMAPA:30493 -
                              mesenchyme of female preputial swelling
                          - preputial gland of female
- inguinal ring
321. EMAPA:30499
322. EMAPA:29307
323. EMAPA:30496
324. EMAPA:29304
                          - surface epithelium of female preputial swelling
                          - cystic vesicular appendage
                          - internal inguinal ring
- external inguinal ring
- muscularis mucosa of bladder
325. EMAPA:29313
326. EMAPA:29310
327. EMAPA:28619
328. EMAPA:30467
                          - urethral epithelium of male
                          - epithelium of trigone
329. EMAPA:28613
330. EMAPA: 30460 - coelomic epithelium of male mesonephros
331. EMAPA:30478 - preputial swelling of female 332. EMAPA:28601 - epithelium of bladder
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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: 27873 - 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
377. EMAPA: 30536
378. EMAPA: 30532
glans penis

300. EMAPA:29286 - rest of the seminal vesicle
381. EMAPA:29282 - duct of the seminal vesicle
382. EMAPA:30547 - mesonephric glomerulus of f
383. EMAPA:30544 - cranial moss
                         - mesonephric glomerulus of male
                         - mesonephric glomerulus of female
                         - cranial mesonephric tubule of female
384. EMAPA:30540
385. EMAPA:30556
                         - caudal mesonephric tubule of male
                         - cranial mesonephric tubule of male
386. EMAPA:30558
                         - rest of cranial mesonephric tubule
387. EMAPA:30553
388. EMAPA:30550
                         caudal mesonephric tubule of femalerest of cranial mesonephric tubule of female
389. EMAPA:29226
390. EMAPA:29223
                         - mesenchyme of male preputial swelling
                         - surface epithelium of male preputial swelling
391. EMAPA:29220
                         - preputial swelling of male
392. EMAPA:16245
393. EMAPA:30509
                         - visceral organ
                         - labioscrotal swelling of male
394. EMAPA: 29244 - peritubular myoid cell
395. EMAPA:30502
                            preputial gland of male
                         - glans of male genital tubercle
396. EMAPA:29252
                         - mesenchyme of glans of male genital tubercle
- surface epithelium of glans of male genital tubercle
- surface epithelium of labioscrotal swelling of male
397. EMAPA:29254
398. EMAPA:29256
399. EMAPA:30515
                         - mesenchyme of labioscrotal swelling of male
- mesenchyme of degenerating rest of paramesonephric duct of male
400. EMAPA:30512
401. EMAPA:29202
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
406. EMAPA:30560
                         - renal interstitium group
- mesonephric glomerulus of male
407. EMAPA:30562
408. EMAPA:30565
                         - cranial mesonephric tubule
- rest of cranial mesonephric tubule
409. EMAPA:30568
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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
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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
                        - degenerating rest of paramesonephric duct of male
- epithelium of degenerating rest of paramesonephric duct of male
436. EMAPA:29196
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    glomerular capillary system of maturing glomerular tuft
    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 straig
472. EMAPA: 28399 - macula densa
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473. EMAPA: 28393 - distal convoluted tubule 474. EMAPA: 28390 - early distal tubule
475. EMAPA: 28337 - outer medullary interstitium
476. EMAPA: 28346 - outer
477. EMAPA: 17948 - pelvis
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478. EMAPA:28325
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479. EMAPA:28328
480. EMAPA:17950
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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
484. EMAPA: 28361 - thin ascending 485. EMAPA: 28349 - inner medulla
486. EMAPA:28352
487. EMAPA:28355
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488. EMAPA:17975
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489. EMAPA:17953
490. EMAPA:17952
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491. EMAPA:17954 - early nephron GROUP
492. EMAPA:17956 - phallic urethra of male
493. EMAPA:17959 - female reproductive system
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495. EMAPA:28322
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496. EMAPA:17962
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                         - 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
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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
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
535. EMAPA:30825 - epithelial 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
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542. EMAPA: 28266 - afferent arteriole
543. EMAPA:29796
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544. EMAPA:17211 - urogenital sinus
545. EMAPA:28269 - part of afferent arteriole forming the juxtaglomerular complex
545. EMAPA:28269
546. EMAPA:17212
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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
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553. EMAPA:28248
554. EMAPA: 30831 - surface epithelium of glans clitoris
555. EMAPA:30833
556. EMAPA:30835
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557. EMAPA:31229 - devel
558. EMAPA:30837 - labia
                       - developing vasculature of vagina
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
569. EMAPA:31204
                       - muscle layer of seminal vesicle
                       - 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
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575. EMAPA:29763
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577. EMAPA: 29749 - rest of efferent duct
578. EMAPA:29747 - epithelial layer of 579. EMAPA:29745 - septum of scrotum
                          epithelial layer of efferent duct
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
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585. EMAPA: 29735 - basal layer
586. EMAPA: 29741 - hair follicle
587. EMAPA: 29743 - sweat gland
588. EMAPA: 28245 - glomerular capillary system
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589. EMAPA: 28239
590. EMAPA:28230
591. EMAPA: 28233 - efferent arteriole
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592. EMAPA:28236
593. EMAPA: 28221 - arcuate vein
594. EMAPA:28218
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595. EMAPA:28215
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596. EMAPA:28212 - interloi
597. EMAPA:30891 - urethra

    interlobular artery

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
                      - developing vasculature of corpus epididymis

- mesenchymal layer of rest of urogenital sinus
604. EMAPA:31199
605. EMAPA:30885
606. EMAPA:30888
607. EMAPA:31194
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608. EMAPA:16577
                      - nephric duct
609. EMAPA:31188
                      - developing vasculature of ductus deferens
610. EMAPA:16578
                      - primordial germ cells
611. EMAPA:19180

    seminal vesicle

                         pronephros
612. EMAPA:16579
613. EMAPA: 31182 - developing vasculature of epididymis
614. EMAPA:16576
615. EMAPA:19169
                      - associated mesenchyme
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616. EMAPA:30850 - ureteral vasculature
617. EMAPA: 30841 - mesenchymal layer of labia
618. EMAPA:30843 - gland of labia
619. EMAPA:19179 - tunica vaginalis testis
619. EMAPA:19179 - tunica vaginalis tes
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
630. EMAPA: 30876
                      - rest of urogenital sinus
                      - mesenchymal layer of primitive bladder
631. EMAPA: 30873 - epithelial layer of primitive bladder
                      - primitive bladder
632. EMAPA:30870
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
                      - mesenchymal layer
647. EMAPA:30954
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
653. EMAPA:30950
                      - mesenchyme of rest of nephric duct of female - muscle layer
                      segment 2 of proximal tubulemesenchyme of rest of paramesonephric duct of female
654. EMAPA: 29659
655. EMAPA: 28961
656. EMAPA:28136

    renal cortical interstitium

657. EMAPA: 29663
658. EMAPA: 29665
                         outer stripe of outer medulla
                      - 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
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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
699. EMAPA: 29031 - 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
720. EMAPA: 17300 - diffially 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
                             - coelomic epithelium
740. EMAPA:17383 - gonad
741. EMAPA: 28114
742. EMAPA: 27577
                             adventitia of uretercloacal epithelium
743. EMAPA:18985
744. EMAPA:18984
                             - uterine horn
                             - oviduct
745. EMAPA:18976
                             - cortical renal tubule
746. EMAPA:18978 - cystic vesicular appendage 747. EMAPA:18998 - urethral plate of male
748. EMAPA:18999
749. EMAPA:18995
                             - lower part of vagina
                             - pelvic urethra of male
750. EMAPA:18993 - efferent duct of seminal vesicle
751. EMAPA:18988 - glans penis
752. EMAPA:18989 - prepuce of male
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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
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
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DETAILS:

Modified Component 1				
ID	EMAPA:30627	Is Group Term	false	
Name	scrotal fold surf	ace epithelium of	male	
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:29316[scrot	al fold]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 scrotal fold surf	[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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738	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 oviduc	t
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 mese	nchyme of male		
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:29316[scrot	al 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			

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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>		[(EMAPA:16369)	

Modified Component 6				
ID	EMAPA:29905	Is Group Term	false	
Name	rest of oviduct			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:18984[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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 Component	EMAPA: 29903	Is Group Term	false
Name	serosa of infundi	bulum	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29897[infun	dibulum]	
Group Parents			
Synonyms	[]		
Primary Path	[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>		

Modified Compone	ified Component 8			
ID	EMAPA:29122	Is Group Term	false	
Name	coelomic vessel			
Starts At	TS20	Ends At	TS27	
Primary Parents	EMAPA:29114[deve]	oping 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 mesenchym	e of male	
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:30634[prepu	ce 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 anat	omy(EMAPA:0), mou	se(EMAPA: 25765),

Modified Component 9			
	organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 genitalia(EMAPA:3 male(EMAPA:17969)	1), male reproduc	tive bercle of (EMAPA:30634),
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 structure(EMAPA:2 male(EMAPA:17969)	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc 8), male associat 8533), genital tu , prepuce of male e of male(EMAPA:3	EMAPA:16103), ductive tive ed reproductive bercle of (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), prepuce mesenchyme of male(EMAPA:30636)]		EMAPA:16103), ductive tive cle of (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), prepuce mesenchyme of male(EMAPA:30636)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen 2 for EMAPA:30634	t (EMAPA:30636)

Modified Component 10			
ID	EMAPA:30638	Is Group Term	false
Name	prepuce surface e	pithelium of male	
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:30634[prepu	ce 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)]		
		omy(EMAPA:0), mous 9), organ system(1	

Modified Componen	t 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>		

_	ment 11 EMAPA: 30632	Ta Crown Warre	false
ID		Is Group Term	
Name		epithelium of ma	
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA: 29288[g	lans penis]	
Group Parents			
Synonyms	[]		
Primary Path	organ system() organ(EMAPA:1 system(EMAPA: system(EMAPA: male(EMAPA:17	EMAPA:16103), vis 6245), reproduct 17381), male rep 17968), genital t	tve roductive cubercle of s(EMAPA:29288), glans
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:257 embryo(EMAPA:16039), organ system(EMAPA:16103) visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproduct structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), g 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		stem(EMAPA:16103),

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 Compor	ent 12			
ID	EMAPA:30634	Is Group Term	false	
Name	prepuce of male	prepuce of male		
Starts At	TS24	Ends At	TS24	
Primary Parents	EMAPA:17969[genit	al tubercle of ma	le]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAI organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	(EMAPA:0), mouse(PA:16103), viscera 5), reproductive 31), male reproduc 58), genital tuber 1, prepuce of male	l tive cle of	
Alternate Paths	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 structure(EMAPA:2	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)]			
			EMAPA:16103), ductive tive cle of	
	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 Compon	ent 13			
ID	EMAPA:30630	Is Group Term	false	
Name	glans mesen	chyme of male		
Starts At	TS24	Ends At	TS24	
Primary Parents	EMAPA: 29288	[glans penis]		
Group Parents				
Synonyms	[]			
Primary Path	organ syste organ(EMAPA system(EMAP system(EMAP male(EMAPA:	matomy(EMAPA:0), mo m(EMAPA:16103), vis ::16245), reproducti A:17381), male repr A:17968), genital t 17969), glans penis of male(EMAPA:30630	ceral ve oductive ubercle of (EMAPA:29288), glans	
Alternate Paths	organ syste organ(EMAPA system(EMAP system(EMAP structure(E male(EMAPA: mesenchyme	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:29288), glans mesenchyme of male(EMAPA:0), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive syst		
	organ syste organ(EMAPA system(EMAP system(EMAP genitalia(E male(EMAPA:			
	embryo(EMAP visceral or system(EMAP system(EMAP structure(E male(EMAPA:			
	embryo(EMAP visceral or system(EMAP system(EMAP male(EMAPA:			
	embryo(EMAP visceral or system(EMAP system(EMAP genitalia(E male(EMAPA:	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entri	fferent Order - Thi es; Referenced Comp ntry <1 for EMAPA:2	onent (EMAPA: 30630)	

Modified Component 14			
ID	EMAPA:29138	Is Group Term	false

Modified Component 14				
Name	mesonephros of m	ale		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:17968[male	reproductive syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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 Compone	Modified Component 15				
ID	EMAPA:28003	Is Group Term	false		
Name	early proximal to	ubule			
Starts At	TS22	Ends At	TS24		
Primary Parents	EMAPA:18976[cort:	ical renal tubule]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA) organ(EMAPA:1624 metanephros(EMAPA cortex(EMAPA:179	52), cortical rena 76), early proxima	l (EMAPA:17366), l		
Alternate 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				

Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Differen order entries; Re has order entry <		(EMAPA:28003)

Modified Component 16				
ID	EMAPA:29130	Is Group Term	false	
Name	interstitial vess	el		
Starts At	TS20	Ends At	TS27	
Primary Parents	EMAPA:29114[devel	oping 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 EMAPA:17373[metan			
Group Parents				
Synonyms	[epithelial vesic	le, stage I nephr	on]	
Primary 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>			
	order entries; Re	t Order - This cor ferenced Component 7 for EMAPA:17373:	t (EMAPA:27678)	

Modified Componen	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[cervi	x 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			
Name	cervix uteri			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29915[uteru	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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	7)]	
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[uteru	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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[uteru	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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>			

Modified Component 22				
	EMA DA • 21 20 €		false	
ID	EMAPA:31296	Is Group Term		
Name		ges of the cortex	1	
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28136[renal	cortical interst	itium]	
Group Parents				
Synonyms	[renal monocytes	of the cortex]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), resident macrophages of the cortex(EMAPA:31296)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31296) has order entry <1 for EMAPA:28136>			

Modified Component 23				
ID	EMAPA:29921	Is Group Term	false	
Name	rest of endometri	um		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA: 29917 [endom	etrium]		
Group Parents				
Synonyms	[]			
Primary Path	[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 co	mma-shaped body		
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA: 27681 [comm	na-shaped body]		
Group Parents				
Synonyms	[distal limb of	comma-shaped bod	ly]	
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA	[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	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:1795 GROUP(EMAPA:1795	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.	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[metan GROUP]	ephros] EMAPA:179	54[early nephron
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), 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>			
	order entries; Re	t Order - This conferenced Componen 8 for EMAPA:17373	t (EMAPA:27681)	

Modified Component 26				
ID	EMAPA:29917	Is Group Term	false	
Name	endometrium			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29915[uteru	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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[endom	etrium]	
Group Parents			
Synonyms	[]		
Primary Path	[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				
	<pre>visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), uterine gland(EMAPA:29919)]</pre>			
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 com	ma-shaped body		
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA:27681[comma	-shaped body]		
Group Parents				
Synonyms	[proximal limb of	comma-shaped bod	у]	
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			
Alternate 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[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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[prima	ry 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 vascul	developing vasculature of the testis		
Starts At	TS20	Ends At	TS27	
Primary Parents	JFA:0001009[devel system GROUP] EMA	oping vasculature PA:17972[testis]	of reproductive	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	[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>			
		t Parents - Refer arents [EMAPA:179		

Modified Component 33				
ID	EMAPA:16367	Is Group Term	false	
Name	genitourinary sys	tem		
Starts At	TS13	Ends At	TS18	
Primary Parents	EMAPA:16245[visce	ral 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	peritubular myoid cell		
Starts At	TS20	Ends At	TS22	
Primary Parents	EMAPA:29098[prima	ry 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[primi	tive collecting d	uct]
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.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:17646	t (EMAPA: 27697)

Modified Component 36				

Modified Component 36				
ID	EMAPA:27694	Is Group Term	false	
Name	ureteric tip	ureteric tip		
Starts At	TS20	Ends At	TS20	
Primary Parents		hrogenic zone GR mitive collectin		
Group Parents				
Synonyms	[ampulla]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA	my(EMAPA:0), mou APA:16103), visc 45), urinary sys PA:17373), primi 6), ureteric tip	eral tem(EMAPA:17366), tive collecting	
Alternate 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), 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)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	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			
ID	EMAPA:27690	Is Group Term	false
Name	renal interstitiu	m	
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28518[renal EMAPA:17373[metan	interstitium groeephros]	up]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690)]		
		omy(EMAPA:0), mou 9), organ system(

Modified Component 37				
	<pre>visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690))</pre>			
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>			
		t Parents - Refere arents [EMAPA:173		

Modified Component 38			
ID	EMAPA:30664	Is Group Term	false
Name	mesenchyme of cru	s 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:17386), 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.		
	order entries; Re	t Order - This conferenced Componen 5 for EMAPA:19294	t (EMAPA:30664)

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	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 part of vagina	MAPA:16103), vis 5245), reproducti .7381), female re .7959), vagina(EM	ve	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of upper part orvagina(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), adventit of vagina(EMAPA:31003), adventitia of upper part ovagina(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>			
	order entries;		s component has no onent (EMAPA:29945) 8987>	

Modified Component 40				
ID	EMAPA:31276	Is Group Term	false	
Name	rest of renal int	erstitium		
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 anat	comy(EMAPA:0), mou	se(EMAPA:25765),	

ı

Modified Component 40				
	<pre>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)]</pre>			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:27690	t (EMAPA:31276)	

Modified Component 41				
ID	EMAPA:31273	Is Group Term	false	
Name	resident macropha	ges		
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 epithelia	l 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					
	system(EMAPA:1795 part of vagina(EM upper part of vag), reproductive 1), female reprod 9), vagina(EMAPA: IAPA:18987), epith ina(EMAPA:29052), of upper vagina(E	18986), upper elial layer of rest of		
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: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 Compone		1			
ID	EMAPA:31279	Is Group Term	false		
Name	renal fibroblasts	3			
Starts At	TS21	TS21 Ends At TS21			
Primary Parents	EMAPA:27690[rena]	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 epitheliu	m 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			
	<pre>system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), surface epithelium of crus penis(EMAPA:30668)]</pre>			
	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>			
		t Synonyms - Refe ynonyms [Mülleria		

Modified Component 46					
ID	EMAPA:29167	Is Group Term	false		
Name	genital tubercle	genital tubercle mesenchyme of male			
Starts At	TS20	Ends At	TS20		
Primary Parents	EMAPA:17969[geni	tal tubercle of ma	le]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179	[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			
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:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), male associated reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle 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:29167)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), genital tubercle mesenchyme of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)]				
	embryo(EMAPA:160 visceral organ(E	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 81), male reproduc	EMAPA:16103), ductive		

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 Compor	ed Component 47				
ID	EMAPA:31281	Is Group Term	false		
Name	anlage of loop	anlage of loop of Henle			
Starts At	TS22	Ends At	TS27		
Primary Parents			le] le of capillary loop		
Group Parents					
Synonyms	[primitive loo	p of Henle]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1	APA:17373), renal 7952), cortical 1 8976), anlage of	ceral stem(EMAPA:17366), l cenal		
Alternate 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:0) organ system(EMAPA:16103), visceral				

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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)]
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- 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

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					
	<pre>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)]</pre>				
	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>				
		nt Parents - Refer parents [EMAPA:189			

Modified Component 48				
ID	EMAPA:29931	Is Group Term	false	
Name	muscle layer of c	ervix uteri		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29927[cervi	x 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 Componer				
ID	EMAPA:29933	Is Group Term	false	
Name	adventitia of cer	vix uteri		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29927[cervi	x 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			
Name	renal cortical fi	broblasts		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28136[renal	cortical interst	itium]	
Group Parents				
Synonyms	[1]			
Primary 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	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)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical interstitium(EMAPA:28136), renal cortical fibroblasts(EMAPA:31288)]				
Rule Status	PASSED Edit Status CHANGED				
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31288) has order entry <0 for EMAPA:28136>				

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

Modified Component 52				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		(EMAPA:29935)	

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[epith vagina]	elial layer of lo	wer part 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), 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),	

Γ

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

Modified Componer	EMAPA: 29170	Is Group Term	false
Name		surface epithelium	
		_	
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17969[genit	al tubercle of ma	le]
Group Parents			
Synonyms	[]		
Primary Path	[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]			
	order entries; Re	nt Order - This co eferenced Componen <0 for EMAPA:17969	t (EMAPA:29170)	

Modified Component 56				
ID	EMAPA:29173	Is Group Term	false	
Name	nephric duct of m	ale, rest of		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:17968[male	reproductive syst	em]	
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 Compon	ent 58 EMAPA:29941	Is Group Term	false	
Name		vaginal epitheli		
		1	1	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA: 29052[ep	oithelial layer of	upper part of	
Group Parents				
Synonyms	[]			
Primary Path	organ system(I organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 part of vagina upper part of	[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 gla	ans penis		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:18988[glans	s penis]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAI organ(EMAPA:1624 system(EMAPA:1738 system(EMAPA:1798	[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	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[prepu	ce 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:17381), 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	CHANGED		
Comments	1.				
	order entries; Re	t Order - This con ferenced Componen 1 for EMAPA:30634	t (EMAPA:30640)		

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 Componen	ıt 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.			
	order entries; Re	nt Order - This co eferenced Componen 0 for EMAPA:28376	t (EMAPA:29964)	

Modified Component 62				
ID	EMAPA:30646	Is Group Term	false	
Name	surface epitheli	um of glans penis		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:18988[glar	ns penis]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 penis(EMAPA:1898	[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. Differen order entries; Re has order entry <		(EMAPA:30646)	

Modified Component 63				
ID	EMAPA:29148	Is Group Term	false	
Name	mesonephric tubul	e of male		
Starts At	TS20	Ends At	TS22	
Primary Parents	EMAPA:29138[meson	ephros 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[atret	ic 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 Componer	nt 65			
ID	EMAPA:29143	Is Group Term	false	
Name	mesonephric mesen	chyme of male		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:29138[meson	ephros 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 musc	le layer of infun	dibulum	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:31264[muscl	e layer of infund	ibulum]	
Group Parents				
Synonyms	[]			
Primary Path	[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 Componer	ıt 67			
Primary Parents	EMAPA:31264[muscl	e layer of infund	ibulum]	
Group Parents				
Synonyms	[]			
Primary Path	[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 rupt	ured follicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29880[ruptu	red 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 organ system(EMAPA organ(EMAPA:16245) system(EMAPA:1738] system(EMAPA:17968 male(EMAPA:18989) male(EMAPA:30650)	A:16103), viscera), reproductive 1), male reproduc 8), penis(EMAPA:1 , prepuce mesench	l tive 8682), prepuce of	
Alternate Paths	1. [Abstract anatologan system(EMAPA) organ(EMAPA:16245) system(EMAPA:1738] system(EMAPA:17968) genitalia(EMAPA:300f male(EMAPA:30650)	A:16103), viscerally, reproductive 1), male reproduction 3), male external 0977), penis(EMAP) 89), prepuce meser	l tive A:18682), prepuce	
	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 i	nfundibulum		
Starts At	TS28	TS28 Ends At TS28		
Primary Parents	EMAPA:29897[infun	dibulum]		
Group Parents				
Synonyms	[]			
Primary Path	[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				
ID	EMAPA:30655	Is Group Term	false	
Name	prepuce surface	epithelium of ma	le	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:18989[pre	puce of male]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive			
	system(EMAPA:17) male(EMAPA:1898	system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30655) has order entry <0 for EMAPA:18989>			

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

Modified Component 72				
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796	omy(EMAPA:0), mous 9), organ system(1 APA:16245), reproduct 1), male reproduct 8), penis(EMAPA:18 , preputial gland	EMAPA:16103), ductive tive 8682), prepuce of	
	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 in	terstitium		
Starts At	TS20	Ends At	TS21	
Primary Parents	JFA:0001007[ne EMAPA:27690[re	phrogenic zone GRO nal interstitium]	OUP]	
Group Parents				
Synonyms	[peripheral bl	astema]		
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM	omy(EMAPA:0), mous MAPA:16103), visce 245), urinary syst APA:17373), renal MAPA:27690), nephi MAPA:31270)]	eral tem(EMAPA:17366),	
Alternate Paths	organ system(E organ(EMAPA:16 metanephros(EM group(EMAPA:28 interstitium(E	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>			
		nt Parents - Refero parents [EMAPA:276		

Modified Component 74				
ID	EMAPA:29158	Is Group Term	false	
Name	paramesonephric d	luct of male, meso	nephric portion	
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA:29138[meson	ephros of male]		
Group Parents				
Synonyms	[mesonephric port male]	ion of male, Mlle	rian duct 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), 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[pelvi	s]	
Group Parents			
Synonyms	[pelvic urotheliu	m]	
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 Compor	EMAPA: 28075	Is Crown Torm	false	
		Is Group Term	Taise	
Name	capillary	1 -	——————————————————————————————————————	
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA: 28069[de	veloping vasculat	ure of medulla]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(El organ(EMAPA:16 metanephros(EM medulla(EMAPA:	omy(EMAPA:0), mou MAPA:16103), visc 245), urinary sys APA:17373), renal 19279), developin 28069), capillary	eral tem(EMAPA:17366), g vasculature of	
Alternate Paths	organ system(E) organ(EMAPA:16 developing vas GROUP(JFA:0001 developing vas	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)]		
	organ system(E) organ(EMAPA:16 renal vasculativasculature of	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 urinary system vasculature(EM	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 vasculature(EM	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal medulla()	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.	<u> </u>		
	order entries;			

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 Componer	nt 77				
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192 loop of Henle, ou	279), outer medull ster medullary 322), proximal str	l (EMAPA:17366), a(EMAPA:28310),		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1736 metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medu portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769) 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 medulla(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 medullar 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: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	EMAPA: 28073			
Name	venous				
Starts At	TS22	Ends At	TS22		
Primary Parents	EMAPA:28069[devel	oping 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 anat	omy(EMAPA:0), mous	se(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.				
	order entries; Re	nt Order - This co eferenced Componen <1 for EMAPA:28069	t (EMAPA:28073)		

Modified Component 79			
ID	EMAPA:28071	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28069[devel	oping 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					
		:28457), developin 169), arterial(EMA			
	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 ureth	ra of male	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:17956[phall	ic urethra of mal	e]	
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	a of male
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:17956[phall	ic urethra of mal	e]
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 anat embryo(EMAPA:1603	omy(EMAPA:0), mou 9), organ system(

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 p	hallic urethra of	male	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:17956[phall	ic urethra of mal	e]	
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[urete	r]		
Group Parents				
Synonyms	[transitional epi	thelium]		
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>			

Modified Component 84					
ID	EMAPA:28850 Is Group Term false				
Name	interstitium				
Starts At	TS25	Ends At	TS28		
Primary Parents	EMAPA:28844[urete	ral 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 interst	perihilar interstitium			
Starts At	TS22	Ends At	TS28		
Primary Parents	EMAPA:17948[pelvigroup]	s] EMAPA:28518[re	nal interstitium		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	[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>				
	order entries; Re	t Order - This co ferenced Componen 2 for EMAPA:17948	t (EMAPA:28083)		

Modified Component 86				
ID	EMAPA:28844	Is Group Term	false	
Name	ureteral smooth m	uscle layer		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17950[urete	r]		
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 com	ponent	
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28844[urete	ral 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.		
	order entries; Re	t Order - This co ferenced Componen 2 for EMAPA:28844	t (EMAPA:28847)

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

Modified Component 88				
	system(EMAPA:1795), reproductive 1), female reprodu 9), ovary(EMAPA:1 na of ovary(EMAPA:	7962),	
Alternate 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.			
	order entries; Re	nt Order - This con eferenced Componen 2 for EMAPA:17962	t (EMAPA:28880)	

Modified Compor	nent 89			
ID	EMAPA: 28069	Is Group Term	false	
Name	developing vas	developing vasculature of medulla		
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:28457[remedulla]	EMAPA:28457[renal vasculature] EMAPA:19279[renal medulla]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(I organ(EMAPA:10 metanephros(EN	[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		
Alternate Paths	organ system(Forgan(EMAPA:16) developing vas GROUP(JFA:000) developing vas	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(EMAPA:16	EMAPA:16103), visc 5245), urinary sys ture(EMAPA:28457), medulla(EMAPA:28	stem(EMAPA:17366), developing	
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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 medulla(EMAPA:28069)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature medulla(EMAPA:28069)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal medulla	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>			

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

[] [Abstract anal	Is Group Term lecting duct Ends At enal medulla] EMAP	TS24 A:28494[ureteric	
TS22 EMAPA:19279[retrunk] [] [Abstract analysis	Ends At		
EMAPA:19279[retrunk] [] [Abstract analysis			
[] [Abstract anal	enai meduliaj EMAP.	A:28494[ureteric	
[Abstract ana			
[Abstract ana			
organ(EMAPA:10 metanephros(EI medulla(EMAPA	[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)]		
organ system() organ(EMAPA:10 metanephros(EI trunk(EMAPA:20	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)]		
organ system() organ(EMAPA:10 metanephros(EI duct(EMAPA:28	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)]		
embryo(EMAPA: visceral organ system(EMAPA: ureteric trunl	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), medullary collectiduct(EMAPA:28061)]		
embryo(EMAPA: visceral organ system(EMAPA: collecting dua trunk(EMAPA:2	16039), organ syst n(EMAPA:16245), ur 17366), metanephro ct(EMAPA:28407), u 8494), medullary c	em(EMAPA:16103), inary s(EMAPA:17373), reteric	
embryo(EMAPA: visceral organ system(EMAPA: renal medulla	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)]		
PASSED	Edit Status	CHANGED	
order entries has order entr	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28061) has order entry <1 for EMAPA:19279>		
	medulla(EMAPA duct(EMAPA:28) 1. [Abstract a organ system() organ(EMAPA:1) metanephros(EI trunk(EMAPA:28) duct(EMAPA:28) duct(EMAPA:1) metanephros(EI duct(EMAPA:28) medullary col. 3. [Abstract a embryo(EMAPA: visceral organ system(EMAPA: visceral	medulla(EMAPA:19279), medullary duct(EMAPA:28061)] 1. [Abstract anatomy(EMAPA:0), organ system(EMAPA:16103), visc organ(EMAPA:16245), urinary sys metanephros(EMAPA:17373), urete trunk(EMAPA:28494), medullary c duct(EMAPA:28061)] 2. [Abstract anatomy(EMAPA:0), organ system(EMAPA:16103), visc organ(EMAPA:16245), urinary sys metanephros(EMAPA:17373), colle duct(EMAPA:28407), ureteric trumedullary collecting duct(EMAPA:0), embryo(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:17366), metanephro ureteric trunk(EMAPA:28494), meduct(EMAPA:28061)] 4. [Abstract anatomy(EMAPA:0), embryo(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:17366), metanephro collecting duct(EMAPA:28407), utrunk(EMAPA:28494), medullary c duct(EMAPA:28061)] 5. [Abstract anatomy(EMAPA:0), embryo(EMAPA:16039), organ syst visceral organ(EMAPA:28407), utrunk(EMAPA:28061)] 5. [Abstract anatomy(EMAPA:0), embryo(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:18061)] PASSED Edit Status	

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

Modified Componen	ut 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 system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	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[devel	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 Componen	ıt 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)]			
	organ system(EMAP organ(EMAPA:16245 renal vasculature	comy(EMAPA:0), moust PA:16103), visceral), urinary system (EMAPA:28457), des ortex(EMAPA:28029) (7)]	l (EMAPA:17366), veloping	
	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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 vasculature(EMAPA	omy(EMAPA:0), mouse 9), organ system(1 IAPA:16245), urina: 6), renal ::28457), developis 9), venous(EMAPA:	EMAPA:16103), ry ng vasculature of	
	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.			
	order entries; Re	t Order - This con ferenced Componen 1 for EMAPA:28029	t (EMAPA:28037)	

Modified Component 93			
ID	EMAPA:28035	Is Group Term	false
Name	arterial		
Starts At	TS22	Ends At	TS22
Primary Parents	EMAPA:28029[devel	oping 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)]		
	embryo(EMAPA:1603	omy(EMAPA:0), mou 9), organ system(APA:16245), urina	EMAPA:16103),

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 m	uscle layer			
Starts At	TS23	Ends At	TS24		
Primary Parents	EMAPA:27711[urete	ral mesenchyme]			
Group Parents					
Synonyms	[presumptive uret	eral smooth muscl	e 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 vascul	ature of cortex		
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28457[renal vasculature]			
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	2), developing va-	l (EMAPA:17366),	

Modified Componer	ıt 95				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:284 developing vasculature of cortex(EMAPA:28029)]				
	organ systorgan(EMA) renal vaso	tem(EMAF PA:16245 culature	A:16103), vi	scera system '), de	(EMAPA:17366), veloping
	embryo(EM visceral o system(EM urinary sy	APA:1603 organ(EM APA:1736 ystem GF re(EMAP <i>F</i>	39), organ sy MAPA:16245), 56), developi COUP(JFA:0001 A:28457), dev	rstem(urina .ng va .008),	sculature of
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculatur cortex(EMAPA:28029)]				
	embryo(EMZ visceral o system(EMZ	APA:1603 organ(EM APA:1736 tex(EMAF	39), organ sy MAPA:16245), 56), metaneph PA:17952), de	rstem(urina ıros(E	se(EMAPA:25765), EMAPA:16103), ry MAPA:17373), ing vasculature
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>				
	order enti	ries; Re		nponen	mponent has no t (EMAPA:28029) >

Modified Component 96					
ID	EMAPA:28814	Is Group Term	false		
Name	smooth muscle com	ponent			
Starts At	TS23	Ends At	TS24		
Primary Parents	EMAPA:28811[urete	ral 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 COMPONE	EMAPA: 28049	Is Group Term	false	
Name	immature loop o	f Henle		
Starts At	TS22	Ends At	TS24	
Primary Parents	EMAPA:19279[renaimmature nephron	al medulla] EMAPA:2	28445[stage IV	
Group Parents				
Synonyms	[anlagen of loop	of Henle]		
Primary Path	organ system(EMA) organ(EMAPA:1624 metanephros(EMA)	my(EMAPA:0), mouse(APA:16103), viscera 45), urinary system PA:17373), renal 9279), immature loc 49)]	al n(EMAPA:17366),	
Alternate 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>			
	order entries; I	ent Order - This co Referenced Componer <2 for EMAPA:28445	nt (EMAPA:28049)	

Modified Component 98				
ID	EMAPA:28039	Is Group Term	false	
Name	capillary			
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:28029[devel	oping 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)]			
	organ system(EMAP	omy(EMAPA:0), mou A:16103), viscera), urinary system	1	

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[urete	r]			
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[corti	cal 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		

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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)]
[Abstract anatomy(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)]
[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:18976), renal connecting tubule(EMAPA:28011)]
tubule(EMAPA:28527), cortical renal
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
renal cortex(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal connecting tubule(EMAPA:28011)]
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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 tri	gone		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28826[adven	titia 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 fun	dus	
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28826[adven	titia 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		cal renal tubule]	1021	
	EMAFA: 10970[COICI			
Group Parents				
Synonyms]L	-/ TIMA DA • O)	DWADA + 25765)	
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:1795	[Abstract anatomy(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		
Alternate 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:28491), cortical renal tubule(EMAPA:28491), cortical renal tubule(EMAPA:28491), cortical renal 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:18976), early distal tubule(EMAPA:28445), cortical renal tubule(EMAPA:28407)] 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:2806), cortical renal 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:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:17373), renal cortex(EMAPA:17952), wrinary system(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:17952), wrinary system(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2766), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:28007)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:17366), metanephros(EMAPA:18976), early distal tubule(EMAPA:18976), e			
	7. [Abstract anat	comy(EMAPA:0), mou	se(EMAPA:25765),	

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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: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)]
                                 PASSED
                                                                                                    CHANGED
Rule Status
                                                                  Edit Status
Comments
                                           2. Different Order - This component has no
                                 order entries; Referenced Component (EMAPA: 28007)
                                 has order entry <3 for EMAPA:18976>
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Modified Component 106				
ID	EMAPA: 28826			
Name	adventitia of bla	dder		
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:288	26)]		
Alternate 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 vascul	ature of ovary		
Starts At	TS20	Ends At	TS27	
Primary Parents	EMAPA:17962[ovary vasculature of re] JFA:0001009[dever	eloping GROUP]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	(EMAPA:0), mouse(1A:16103), visceral), reproductive 1), female reproductive 9), ovary(EMAPA:10ary(EMAPA:28888)]	l uctive	
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[urete	ric 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[urete	ric 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. Differen order entries; Re has order entry <		[(EMAPA: 27627)

Modified Component 111				
ID	EMAPA:27621	Is Group Term	false	
Name	cap mesenchyme			
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:17375[metan	ephric mesenchyme]	
Group Parents				
Synonyms	[condensed mesenc	hyme]		
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 blaste	ma		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:17375[metan	ephric 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 Componen	t 113	

Modified Component 113				
ID	EMAPA:31367	Is Group Term	false	
Name	resident macropha	ge of the perihil	ar interstitium	
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:28083[perih	ilar 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			
Pulo Status	PASSED	erstitium(EMAPA:3	CHANGED	
Rule Status Comments	1.	EUIL SLALUS	Спановр	
Conduction	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 fibrobl	ast		
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:28083[perih	ilar 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 Compor	nent 115			
ID	EMAPA: 29976	Is Group Term	false	
Name	endothelial laye	r of renal artery		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28373[rena	l artery]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624	y(EMAPA:0), mouse PA:16103), viscer 5), urinary syste PA:28373), endoth PA:29976)]	al m(EMAPA:17366),	
Alternate Paths	organ system(EMA organ(EMAPA:1624 renal arterial s	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		
	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:2845 renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]			
	organ system(EMA organ(EMAPA:1624 renal vasculatur artery(EMAPA:283	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)]		
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:314			
	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				
	embryo(EMAPA visceral org system(EMAPA	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.	1.		
	order entrie	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 mesenchy	me, rest of		
Starts At	TS20	Ends At	TS20	
Primary Parents	EMAPA:27711[urete	ral 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 re	nal 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: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				
ID	EMAPA:27617	Is Group Term	false	
Name	rostral			
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:27615[param	etanephric mesenc	hyme]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27617) has order entry <0 for EMAPA:27615>			

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

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

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[param	etanephric mesenc	nyme]	
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 l	ymphatics		
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, pro	onephric portion			
Starts At	TS17	Ends At	TS17		
Primary Parents	EMAPA: 28425[nephr EMAPA: 16367[genit				
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAI organ(EMAPA:16245 system(EMAPA:1636	[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)]				
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1636	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.	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[urete	ric 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)			

has order entry <0 for EMAPA:17209>

Modified Component 126				
ID	EMAPA:27608	Is Group Term	false	
Name	ureteric trunk			
Starts At	TS18	Ends At	TS18	
Primary Parents	EMAPA:17209[urete	ric bud]		
Group Parents				
Synonyms	[ureteric stalk]			
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 trunk(EMAPA:27608)]			
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 trunk(EMAPA:27608)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27608) has order entry <1 for EMAPA:17209>			

	EMAPA:31340	T G	false	
ID		Is Group Term		
Name	rest of renal	medullary inters		
Starts At	TS22	Ends At	TS24	
Primary Parents	EMAPA:18326[re	enal medullary in	terstitium]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM medulla(EMAPA: interstitium(E	[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)]		
Alternate Paths	organ system(Eorgan(EMAPA:16 metanephros(EM group(EMAPA:28 interstitium(E	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[prima	ry 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[prima	ry follicle]	
Group Parents			
Synonyms	[granulosa cell o	f primary follicle	e]
Primary Path	[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. Differen	t Order - This co	mponent has no

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

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

Modified Component 131			
ID	EMAPA:31333	Is Group Term	false
Name	resident macropha	ges of the medull	a
Starts At	TS22	Ends At	TS24
Primary Parents	EMAPA:18326[renal	medullary inters	titium]
Group Parents			
Synonyms	[renal monocytes of the 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), 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]			
	order entries; Re	nt Order - This co eferenced Componen <1 for EMAPA:18326	t (EMAPA:31333)	

Modified Component 132			
ID	EMAPA: 27673	Is Group Term	false
Name	pretubular aggreg	gate	
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metarzone GROUP]	nephros] JFA:00010	07[nephrogenic
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAF organ(EMAPA:16245	r(EMAPA:0), mouse(PA:16103), viscera b), urinary system a:17373), pretubul a:7673)]	l (EMAPA:17366),
Alternate 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. Differen	nt Parents - Refer	enced Component

EMAPA:27673 has parents [EMAPA:17373]

Modified Component 133			
ID	EMAPA:27671	Is Group Term	false
Name	nephrogenic inter	stitium	
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metan	ephros]	
Group Parents			
Synonyms	[peripheral blast	ema]	
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.		
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:17373	t (EMAPA:27671)

Modified Component 134			
ID	EMAPA: 27665	Is Group Term	false
Name	paramesonephric d	uct	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[meson	ephros]	
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. Differen order entries; Re has order entry <	t Order - This co ferenced Componen 3 for EMAPA:27644	t (EMAPA:27665)

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	organ system(EMAP. organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192	79), renal medullary A:18326), renal medullary		
Alternate 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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal medulla(EMA	omy(EMAPA:0), mouse(EMAPA:25765), 9), organ system(EMAPA:16103), APA:16245), urinary 6), metanephros(EMAPA:17373), PA:19279), renal medullary A:18326), renal medullary :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, mes	onephric portion	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[mesongroup]	ephros] EMAPA:284	29[nephric 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), 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 mesen	chyme	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:27644[meson	ephros]	
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 ly	mphatics		
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 cortex(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 tubul	е		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:27644[meson	ephros]		
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			
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:	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 m	esenchyme	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17385[gonad	al 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[gonad	al 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.		

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[repro	ductive 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 Te	erm	false
Name	rest of renal	cortical int	erstitiu	m
Starts At	TS22	Ends At		TS28
Primary Parents	EMAPA:28136[r	enal cortical	interst	itium]
Group Parents				
Synonyms	[]			
Primary Path	organ system(organ(EMAPA:1 metanephros(E cortex(EMAPA: interstitium([Abstract anatomy(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	5	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 mesenc	hyme		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:27638[cloac	a]		
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 epitheliu	ım		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:27638[cloac	a]		
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[urina	ry 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 interstit	ium of anterior p	rostate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29802[anter	ior prostatic int	erstitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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 prostati	c interstitium		
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:29794[anter	ior prostate gland	d]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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	EMAPA:29800 Is Group Term false			
Name	ductal epithelium	of anterior pros	tate		
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:29796[anter	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				
	anterior prostate prostatic epithel	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	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 gland(EMAPA:19285 anterior prostate prostatic epithel	1. [Abstract anatomy(EMAPA: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.	1.		
	order entries; Re	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 epithe	elium of glans cli	toris	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:19170[gl	ans clitoris]	·	
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 female(EMAPA:1		eral ve productive	
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: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:17381), female reproductive system(EMAPA:17381), genital tubercle of female(EMAPA:17381), genital tubercle of female(EMAPA:17381), genital tubercle of female(EMAPA:17381), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]			
4. [Abstract anatomy(EMAPA:0embryo(EMAPA:16039), organ since organ(EMAPA:16245) system(EMAPA:17381), female system(EMAPA:17959), female structure(EMAPA:28540), generale(EMAPA:18680), glans surface epithelium of glans			em(EMAPA:16103), eproductive roductive sociated reproductive tubercle of coris(EMAPA:19170),	
	embryo(EMAPA:1 visceral organ	natomy(EMAPA:0), .6039), organ syst (EMAPA:16245), re .7381), female rep	productive	

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 Compon	ent 154				
ID	EMAPA:30725	Is Group Term	false		
Name	mesenchyme of cr	mesenchyme of crus of clitoris			
Starts At	TS25	Ends At	TS27		
Primary Parents	EMAPA:19169[crus	of clitoris]	<u> </u>		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 female(EMAPA:186	y(EMAPA:0), mouse(PA:16103), viscera 5), reproductive 81), female reprod 59), genital tuber 80), crus of clitous of clitous of clitoris(EMA	uctive scle of pris(EMAPA:19169),		
Alternate Paths	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 structure(EMAPA:186 mesenchyme of cr 2. [Abstract ana organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 system(EMAPA:174 genitalia(EMAPA:1664 female(EMAPA:186	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: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:17381), female reproductive system(EMAPA:17399), genital tubercle of female(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 female(EMAPA:186				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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:191 mesenchyme of crus of clitoris(EMAPA:30725)]				
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 genitalia(EMAPA: female(EMAPA:186	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 81), female reprod 59), female extern 30984), genital tu 80), crus of clitous of clitous	EMAPA:16103), oductive luctive al al abercle of oris(EMAPA:19169),		
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1. 2. Differe	nt Order - This co	mmonent has no		
	order entries; R	eferenced Componer	it (EMAPA: 30725)		

has order entry <1 for EMAPA:19169>

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

Modified Component 156			
ID	EMAPA:30730	Is Group Term	false
Name	surface epitheliu	m of crus of clit	oris
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:19169[crus	of clitoris]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		
	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3	1), female reprodu 9), female externa 0984), genital tul 0), crus of clito: m of crus of	l uctive al bercle of

Modified Componen	t 156		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 female(EMAPA:1	natomy(EMAPA:0), mo .6039), organ system n(EMAPA:16245), repr .7381), female repro .7959), genital tube .8680), crus of clit elium of crus of A:30730)]	m(EMAPA:16103), coductive oductive ercle of
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 structure(EMAPA:1 female(EMAPA:1	PA:28540), genital t 18680), crus of clit elium of crus of	m(EMAPA:16103), roductive oductive ciated reproductive cubercle of
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 genitalia(EMAPA:1 female(EMAPA:1	natomy(EMAPA:0), mo.6039), organ system (EMAPA:16245), repr (7381), female repro (7959), female exter (PA:30984), genital to (8680), crus of clitter (PA:30730)]	m(EMAPA:16103), roductive oductive rnal cubercle of
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries;	erent Order - This of Referenced Componery <0 for EMAPA:1916	ent (EMAPA:30730)

Modified Component 157			
ID	EMAPA:30749	Is Group Term	false
Name	outer layer of ep	ididymis	
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epidi	dymis]	
Group Parents			
Synonyms	[]		
Primary Path	[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			
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	r(EMAPA:0), mouse(1) PA:16103), viscera B), reproductive B1), male reproduction B8), epididymis(EMAPA:3	l tive APA: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), muscle layer of epididymis(EMAPA:30747)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	nt Order - This co eferenced Componen 3 for EMAPA:19290	t (EMAPA:30747)

Modified Component 159			
ID	EMAPA:30745	Is Group Term	false
Name	surface epitheliu	m of epididymis	
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:19290[epidi	dymis]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), surface epithelium of epididymis(EMAPA:30745)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), surface epithelium of epididymis(EMAPA:30745)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This con ferenced Componen 7 for EMAPA:19290	t (EMAPA:30745)

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

Modified Componen	t 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 componen	t of mesenchymal	stroma
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28880[mesen	chymal 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.		
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:28880	t (EMAPA:29009)

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

Modified Component 162			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	1), female reprod 9), ovary(EMAPA:1 755), oocyte of p	l uctive 7962), primordial
Alternate 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 follic	le	
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.		
	order entries; Re	t Order - This co ferenced Componen 5 for EMAPA:17962	t (EMAPA:30755)

Modified Component 164			
ID	EMAPA:29014	Is Group Term	false
Name	medullary compone	nt of mesenchymal	stroma
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28880[mesen	chymal 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 anat	omy(EMAPA:0), mou	se(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.			
		t Order - This conferenced Componen 1 for EMAPA:28880	t (EMAPA:29014)	

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[terti	ary follicle]		
Group Parents				
Synonyms	[granulosa cell o	f tertiary follic	le]	
Primary Path	[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.			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:30763	t (EMAPA:30767)	

Modified Component 166				
ID	EMAPA:30765 Is Group Term false			
Name	oocyte of tertiar	y follicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30763[terti	ary 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[terti	ary 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.		
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:30763	t (EMAPA:30769)

Modified Component 168				
ID	EMAPA:31379	Is Group Term	false	
Name	premacula segment	t of distal straight tubule		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28396[dista	l 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	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA:284 tubule(EMAPA:1897 mature nephron GR tubule(EMAPA:2839 straight tubule(EMAPA:2839 straight tubule(EMAPA:2839 straight) 2. [Abstract anatorgan system(EMAPA:245 metanephros(EMAPA	91), cortical rena 6), cortical rena OUP(JFA:0001013), 6), premacula segn MAPA:31379)] omy(EMAPA:0), mou A:16103), viscera), urinary system	l (EMAPA:17366), al l tubule of distal straight ment of distal se(EMAPA:25765), l (EMAPA:17366),	

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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)]
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- 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

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)]
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- 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.			
	order entries; Re	t Order - This conferenced Componen of for EMAPA: 28396	t (EMAPA:31379)	

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[ventr	al prostatic inte	rstitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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	visceral organ(EM	9), organ system(EMAPA:16103), ductive

Modified Component 170			
	system(EMAPA:17959), ovary(EMAPA:17962), tertiary follicle(EMAPA:30763)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This cor ferenced Component 8 for EMAPA:17962	(EMAPA:30763)

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[ventr	al prostatic inte	rstitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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[ventr	al 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 interst	itium(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[perih	ilar 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	EMAPA:29852 Is Group Term false			
Name	epithelial layer	of crus penis			
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:19294[crus	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 Componen	t 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	l		
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	organ system(EMAPA) organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 genitalia(EMAPA:3 penis(EMAPA:19294 2. [Abstract anatembryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 penis(EMAPA:1603 visceral organ(EM system(EMAPA:1738	comy(EMAPA:0), mou PA:16103), viscera PA:16103), viscera PA:16103), viscera PA:16103), male reproductive PA:10, male external PA:10977), penis(EMAPA:0), corpus spongio PA:16245), reproductive PA:10, corpus spongio PA:10, corpus spongio PA:10, male reproductive PA:16245), reproductive PA:16245), reproductive PA:16245), reproductive PA:16245), reproductive PA:10977), penis(EMAPA:10977), penis(EMAPA:109777), penis(EMAPA:109777), penis(EMAPA:109777), penis(EMAPA:1097777), penis(EMAPA:109777777777777777777777777777777777777	1 tive A:18682), crus sum(EMAPA:29850)] se(EMAPA:25765), EMAPA:16103), ductive tive 8682), crus sum(EMAPA:29850)] se(EMAPA:25765), EMAPA:16103), ductive tive A:18682), crus	
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[folli	cle cell of tertia	ary 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 fo	llicle]		
Primary Path	[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[prost	ate 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	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 prostation	epithelium	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29836[ventr	al 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 inters	titium]
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 medullary interstitium(EMAPA:28337), outer medullary interstitium(EMAPA:28337), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:28337), outer medullary fibroblast(EMAPA:28337), outer medullary fibroblast(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 tertiar	y follicle	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[terti	ary 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 Componer	EMAPA: 29832	Is Group Term	false	
Name	smooth muscle of	smooth muscle of lateral prostate		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29830[later	al prostatic inte	rstitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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:29832), lateral prostatic interstitium(EMAPA:29830), smooth muscle of lateral prostate(EMAPA:29832)]			
Alternate 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), smooth muscle of lateral prostate(EMAPA:29832)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29832) has order entry <0 for EMAPA:29830>			

Modified Component 185				
ID	EMAPA:30773	Is Group Term	false	
Name	cumulus of tertia	ry follicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30767[folli	cle cell of terti	ary 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), cumulus of tertiary follicle(EMAPA:30773)]			
Alternate 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), cumulus of tertiary follicle(EMAPA:30773)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	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 interstit	ium of lateral pr	ostate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29830[later	al prostatic inte	rstitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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 epithel	ium of ventral pr	ostate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29838[ventr	al prostatic epit	helium]	
Group Parents				
Synonyms	[secretory epithe	lium]		
Primary Path	[Abstract 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>			

Modified Component 188				
ID	EMAPA: 29842	Is Group Term	false	
Name	ductal epithelium	of ventral prost	ate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29838[ventr	al prostatic epit	helium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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[uteri	ne 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			
Name	epithelium			
Starts At	TS24	Ends At	TS27	

Modified Component 190				
Primary Parents	EMAPA:18985[uteri	ne 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[Graaf	ian 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 f	ollicle	
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				
		9), ovary(EMAPA:1' 777), theca of mat 787)]		
Alternate 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 f	ollicle		
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:30781[germi	nal cell of mature	e 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: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: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[later	al 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 anat	omy(EMAPA:0), mou	se(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 med	ullary interstiti	um	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28337[outer	medullary inters	titium]	
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[prost	ate 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:1795	1), female reprod 9), ovary(EMAPA:1 777), germinal ce 781)]	7962), Graafian	
Alternate 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 prost	ate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29824[later	al prostatic epit	helium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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 epithel	ium of lateral pro	ostate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29824[later	al prostatic epit	helium]	
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 f	ibroblast		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28364[inner	medullary inters	titium]	
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[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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 interstitium(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 ov	iduct		
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:18984[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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[dorsa	l prostatic inter	stitium]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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 se	minal vesicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19180[semin	al 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 ej	aculatory duct		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19088[ejacu	latory 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>

ID	EMAPA:30793	Is Group Term	false		
Name	vasculature of	ductus deferens			
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:18681[duc	tus deferens]	,		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17	[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	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 structure(EMAPA deferens(EMAPA:	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)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17	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	order entries;				

Modified Component 210				
ID	EMAPA:29810	Is Group Term	false	
Name	dorsal prostatic	epithelium		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29808[dorsa	l 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 ep	ididymis	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19290[epidi	dymis]	
Group Parents			
Synonyms	[]		
Primary Path	[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 epithel	ium of dorsal pro	state
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29810[dorsa	l prostatic epith	elium]
Group Parents			
Synonyms	[secretory epithe	lium]	
Primary Path	[Abstract 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 dor	sal prostate(EMAP)	A:29812)]
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Differen order entries; Re has order entry <		t (EMAPA:29812)

Modified Component 213			
ID	EMAPA:29814	Is Group Term	false
Name	ductal epithelium	of dorsal prosta	te
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29810[dorsa	l prostatic epith	elium]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract 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 sc	rotum	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrot	um]	
Group Parents			
Synonyms	[]		
Primary Path	[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:1796 genitalia(EMAPA:3	1), male reproduct 8), male external 0977), scrotum(EM rotum(EMAPA:30791	APA: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), vasculature of scrotum(EMAPA:30791)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:19296	t (EMAPA:30791)

Modified Component 215			
ID	EMAPA:29816	Is Group Term	false
Name	dorsal prostatic	interstitium	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29808[dorsa	l 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	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:29808	t (EMAPA:29816)

Modified Component 216			
ID	EMAPA:29055	Is Group Term	false
Name	muscular layer of	upper part of vag	gina
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18987[upper EMAPA:30997[muscu		na]
Group Parents			
Synonyms	[]		
Primary Path	[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 anat	omy(EMAPA:0), mou	se(EMAPA:25765),

Modified Component 216				
	organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	1), female reprod 9), vagina(EMAPA: MAPA:30997), musc	uctive 18986), muscular	
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 part of vagina(EM	omy(EMAPA:0), mou 9), organ system(19), reprod 11), female reprod 9), vagina(EMAPA: 1APA:18987), muscu rina(EMAPA:29055)]	EMAPA:16103), ductive uctive 18986), upper	
	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>			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:30997	t (EMAPA:29055)	

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[epith part of vagina]	nelium of vagina]	EMAPA:18999[lower
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAI organ(EMAPA:1624 system(EMAPA:1738 system(EMAPA:1799 part of vagina(EM	y(EMAPA:0), mouse(PA:16103), viscera 5), reproductive B1), female reprod 59), vagina(EMAPA: MAPA:18999), epith gina(EMAPA:29058)]	l uctive 18986), lower
Alternate Paths	organ system(EMAI organ(EMAPA:1624! system(EMAPA:1738 system(EMAPA:1799) epithelium of vac	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 interstit	ium of dorsal pro	state
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29816[dorsa	l prostatic inter	stitium]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract 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 EMAPA:30991[epith		
Group Parents			
Synonyms	[]		
Primary Path	[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)]		
		omy(EMAPA:0), mou 9), organ system(

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>			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:30991	t (EMAPA:29052)	

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[pelvi	c urethra of fema	le]	
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	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[urina	ry 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 p	elvic urethra of	male	
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:18995[pelvi	c 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 urethr	a of male	
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:18995[pelvi	c 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 testi	S		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:17972[testi	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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 Compor	nent 227				
ID	EMAPA:18326	Is Group Term	false		
Name	renal medullar	ry interstitium			
Starts At	TS22	Ends At	TS24		
Primary Parents	EMAPA:19279[reinterstitium g	enal medulla] EMAF group]	PA:28518[renal		
Group Parents					
Synonyms	[medullary str	roma]			
Primary Path	organ system(Eorgan(EMAPA:16 metanephros(EM medulla(EMAPA:	[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:2570 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]			
	order entries;	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18326) has order entry <2 for EMAPA:19279>			
	order entries;	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[femal EMAPA:17959[femal	e external genita e reproductive sy	lia] stem]	
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		e reproductive sy e associated repr		
Group Parents				
Synonyms	[]			
Primary Path	[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), Milerian 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>			
	order entries; Re	t Order - This co ferenced Componen 7 for EMAPA:17959	t (EMAPA:18328)	

Modified Component 230					
ID	EMAPA:31409	Is Group Term	false		
Name	rest of inner med	dullary interstiti	Lum		
Starts At	TS25	TS25 Ends At TS26			
Primary Parents	EMAPA:28364[inner	medullary inters	stitium]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAI organ(EMAPA:1624 metanephros(EMAPA medulla(EMAPA:192 inner medullary	[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				
ID	EMAPA:31404	Is Group Term	false	
Name	resident macropha	age of the inner m	edulla	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28364[inner	medullary inters	titium]	
Group Parents				
Synonyms	[renal monocytes	of the inner medu	lla]	
Primary 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[urete	r]		
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 urethr	a of female	
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28753[pelvi	c urethra of fema	le]	
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>			

ID	EMAPA:28771	Is Group Term	false	
Name	muscle layer of p	elvic urethra of	female	
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28753[pelvi	c urethra of fema	ale]	
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]		

			7		
Modified Componen	t 235				
Group Parents					
Synonyms	[caudal suspensor	y 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 syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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			
Name	suspensory ligament of ovary			
Starts At	TS23 Ends At TS28			

Modified Component 237				
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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 syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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 epididym	is		
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:17968[male	reproductive syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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[ruptu	red 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 follicl	e]		
Primary Path	[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[ruptu	red 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 germina	l cell			
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:29874[atret	ic follicle]			
Group Parents					
Synonyms	[apoptotic granul	osa]			
Primary Path	[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[atret	ic 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 vesse	ls		
Starts At	TS23	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17373[metan	ephros]		
Synonyms	[]			
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[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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. Differen order entries; Re has order entry <		t (EMAPA:29897)	

Modified Component 249				
ID	EMAPA:31450	Is Group Term	true	
Name	renal venous syst	em		
Starts At	TS23	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17366[urina	ry 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[urete	r]			
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 Componen	nt 252			
ID	EMAPA:29864	Is Group Term	false	
Name	oocyte of seconda	ry follicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29862[secon	dary 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 follicl	е			
Starts At	TS28	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 per	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:18988), rest of 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:17381), male 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	 [Abstract 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)] [Abstract anatomy(EMAPA: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)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:18988), epithelial layer of glans penis(EMAPA:29858)] 			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	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[Semin	iferous 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	1			
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. Differen	nt Order - This co	mponent has no		

Modified Component 258

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

Modified Component 259				
ID	EMAPA:31484	Is Group Term	false	
Name	spermatocyte			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:31476[Semin	iferous 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), spermatocyte(EMAPA:31484)]			
Alternate 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), spermatocyte(EMAPA:31484)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31484) has order entry <2 for EMAPA:31476>			

Modified Component 260				
ID	EMAPA:29854	Is Group Term	false	
Name	rest of crus peni	s		
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), rest of crus penis(EMAPA:29854)]			
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), 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 genitalia(EM penis(EMAPA	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	СН	ANGED	
Comments	1.	1.			
	order entrie	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[Semin	iferous 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[primi EMAPA:28407[colle EMAPA:27721[nephr		uct group]	
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(EM	APA: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>				
	order entries; R	nt Order - This co eferenced Componen <3 for EMAPA:27721	t (EMAPA:27749)		

Modified Component 263				
ID	EMAPA:27742	Is Group Term	false	
Name	pretubular aggreg	ate		
Starts At	TS21	Ends At	TS28	
Primary Parents	EMAPA:27721[nephr	ogenic zone]		
Group Parents				
Synonyms	[pretubular conde	nsate]		
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[Semin	iferous 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		
Alternate 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[folli	cle cell of second	dary 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.		
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:29866	t (EMAPA:29870)

Modified Component 268			
ID	EMAPA:31476	Is Group Term	false
Name	Seminiferous tubu	le	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testi	s]	
Group Parents			
Synonyms	[]		
Primary Path	[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. Differen order entries; Re has order entry <		(EMAPA:31476)	

Modified Component 269			
ID	EMAPA:31478	Is Group Term	false
Name	Sertoli cell		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31476[Semin	iferous 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[secon	dary follicle]	
Group Parents			
Synonyms	[granulosa cell o	f secondary folli	cle]
Primary Path	[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[folli	cle cell of second	dary 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[nephr	ogenic zone]	
Group Parents			
Synonyms	[condensed mesenc	hyme]	
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 epitheli	.um	
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27770[capil	lary loop renal c	orpuscle]
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>			

ID	EMAPA: 27774	Is Group Term	false	
Name	parietal epit	parietal epithelium		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA: 27770[c	apillary loop re	enal corpuscle]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(organ(EMAPA:1 metanephros(E corpuscle(EMA	[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	organ system(organ(EMAPA:1 metanephros(EGROUP(EMAPA:1 corpuscle(EMA	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)]		
	embryo(EMAPA: visceral orga system(EMAPA: capillary loo			
	embryo(EMAPA: visceral orga system(EMAPA: early nephron renal corpusc	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.			
	order entries		nis component has no mponent (EMAPA:27774) :27770>	

Modified Component 276			
ID	EMAPA:31426	Is Group Term	false
Name	periarterial fibr	oblasts of cortex	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31288[renal	cortical fibrobla	asts]
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		omy(EMAPA:0), mous A:16103), viscera	

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 fibroblasts(EMAPA:31288), periarterial fibroblasts of cortex(EMAPA:31288), periarterial fibroblasts		
	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-sha	ped 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 fibro	blasts of cortex	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:31288[renal	cortical fibroble	asts]
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 epitheli	um	
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27764[proxi	mal 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.			
	order entries; Re	nt Order - This co eferenced Componen co for EMAPA:27764	t (EMAPA:27766)	

Modified Component 280				
ID	EMAPA:27768	Is Group Term	false	
Name	parietal epitheli	.um		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:27764[proxi	mal 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.			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:27764	t (EMAPA: 27768)	

Modified Component 281				
ID	EMAPA:31428	Is Group Term	false	
Name	peritubular fib	roblasts of oute	r medulla	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:31384[out	er medullary fib	roblast]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1 outer medullary medullary fibro	[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.			
	order entries;		component has no nent (EMAPA:31428) 384>	

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-sha	ped 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-sha	ped 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[metane	ephros]		
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 entries; Re- has order entry <	t Order - This co ferenced Componen 9 for EMAPA:17373	t (EMAPA:27756)	

ID	EMAPA:31414	Is Group Term	true		
Name	medullary renal t	ubule			
Starts At	TS22	TS22 Ends At TS24			
Primary Parents					
Group Parents	EMAPA:28049[immat	ture 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:173766), 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[immat	ure 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	d 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 Compone	ponent 288			
ID	EMAPA:27794	Is Group Term	false	
Name	developing vascul	ature of metaneph	iros	
Starts At	TS20	Ends At	TS21	
Primary Parents		vasculature] oping vasculature APA:17373[metaneph		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAF organ(EMAPA:16245		1	
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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 urinary system GF	comy(EMAPA:0), mou 89), organ system(MAPA:16245), urina 66), developing va ROUP(JFA:0001008), etanephros(EMAPA:2	EMAPA:16103), ary asculature of developing	

Modified Componer	it 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>			
		nt Parents - Refer parents [EMAPA:173		

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]	g tubule of capill	ary 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[prep	uce of female]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 female(EMAPA:186 female(EMAPA:306	[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	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 structure(EMAPA: female(EMAPA:186 female(EMAPA:306	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:17381), female reproductive system(EMAPA:30699), genital tubercle of female(EMAPA:30699), preputial gland of female(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female associated reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:30699), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]				
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 genitalia(EMAPA: female(EMAPA:186	99), preputial gla	EMAPA:16103), oductive ductive hal abercle of		
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries; R	nt Order - This co eferenced Componer <1 for EMAPA:30699	nt (EMAPA:30711)		

Modified Compor			false	
ID	EMAPA: 30715		[Ialse	
Name		of glans clitoris		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:19170	[glans clitoris]		
Group Parents				
Synonyms	[]			
Primary Path	organ syste organ(EMAPA system(EMAP system(EMAP female(EMAP	natomy(EMAPA:0), mom(EMAPA:16103), vis :16245), reproduct: A:17381), female re A:17959), genital to A:18680), glans cli	sceral ive eproductive cubercle of itoris(EMAPA:19170),	
Alternate Paths	organ syste organ(EMAPA system(EMAP system(EMAP structure(E female(EMAP	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170) mesenchyme of glans clitoris(EMAPA:30715)]			
	embryo(EMAP visceral or system(EMAP system(EMAP female(EMAP	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)]		
	embryo(EMAP visceral or system(EMAP system(EMAP structure(E female(EMAP			
	embryo(EMAP visceral or system(EMAP system(EMAP genitalia(E female(EMAP	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	order entri		is component has no ponent (EMAPA:30715) 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 tubu	ıle		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:27782[renal	tubule]		
Group Parents				
Synonyms	[early distal tub	oule 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[metan	ephros]		
Synonyms	[]			
Primary 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[infun	dibulum]		
Group Parents				
Synonyms	[]			
Primary Path	[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 tu	bule	
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:27782[renal	tubule]	
Group Parents			
Synonyms	[early proximal t	ubule of capillar	y 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 ID	EMAPA: 30707	Is Group Term	false
Name	prepuce surface e	pithelium of fema	le
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:30699[prepu	ce 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 anat	omy(EMAPA:0), mou	se(EMAPA:25765),

Modified Compo	onent 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 EMAPA:17373[metan		
Group Parents			
Synonyms	[renal tubule of	capillary loop ne	ohron]
Primary 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:2778	2)]		
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. Differen EMAPA:27782 has s	nt Synonyms - Refe Synonyms []	renced Component	

Modified Componer	11	1	F - 1
ID	EMAPA: 27780	Is Group Term	false
Name	presumptive endot		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA: 28457[renal EMAPA: 27770[capil		orpuscle]
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA	17770), presumptiv	ul n(EMAPA:17366), ry loop renal
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 (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:27780)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(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: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: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: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 anat	omy(EMAPA:0), mou	se(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>			
	order entries; Re	nt Order - This con eferenced Component 3 for EMAPA:28457	t (EMAPA:27780)	

Modified Component 300				
ID	EMAPA:18323	Is Group Term	false	
Name	urachus			
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:17366[urina	ry 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 mesenchym	e of female		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:30699[prepu	ce 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:17399), 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:38680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]			
<u> </u>				

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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 female(EMAPA:1868	9), prepuce mesen	EMAPA:16103), ductive uctive cle of	
	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>			

	nt 302				
ID	EMAPA: 27778	Is Group Term	false		
Name	presumptive mesa	ngium			
Starts At	TS21	TS21 Ends At TS21			
Primary Parents	EMAPA:27770[capi	llary loop renal	corpuscle]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAP corpuscle(EMAPA:	[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				
	visceral org system(EMAPA early nephro renal corpus	<pre>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)]</pre>		
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.	1.		
	order entrie	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 sy	stem			
Starts At	TS23	TS23 Ends At TS28			
Primary Parents					
Group Parents	EMAPA:17366[urina	ry 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 inters	stitium		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:27770[capil	lary loop renal c	orpuscle]	
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)]			
	II			

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 Componer				
ID	EMAPA:18321	Is Group Term	false	
Name	bladder			
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:17366[urina	ry 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 fibro	blasts of inner m	edulla	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:31399[inner	medullary fibrob	last]	
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				
	<pre>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)]</pre>			
	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>			

<u> </u>					
Modified Component 307					
ID	EMAPA:31434	Is Group Term	false		
Name	periarterial fi	broblasts of inner	medulla		
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:31399[inn	er medullary fibro	olast]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1 inner medullary medullary fibro	[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:173766), 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.		<u> </u>		
	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 fibr	periarterial fibroblasts of outer medulla			
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:31384[outer	medullary fibrob	last]		
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:17376), 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 epitheliu female	m of labioscrotal	swelling of	
Starts At	TS22	Ends At	TS23	
Primary Parents	EMAPA:30423[labio	scrotal 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 Compone	nt 310 EMAPA:30426	Is Group Term	false	
Name		pioscrotal swelling		
Starts At	TS22	Ends At	TS23	
Primary Parents		scrotal swelling	1	
Group Parents	EMATA: 30 123 [Table	belocal swelling	or remare)	
Synonyms				
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 female(EMAPA:3042	[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:17395), 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 swel	lling of female			
Starts At	TS22	Ends At	TS23		
Primary Parents	EMAPA: 17959[fema] EMAPA: 30984[fema]	le reproductive sy le external genita	stem] lia]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAR organ(EMAPA:16245 system(EMAPA:1738	[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:17381), 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: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: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[emb	ryo]	
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>			

Modified Component 313				
	TMA DA + 20422][E-1	
ID	EMAPA:30433	Is Group Term	false	
Name	mesenchymal layer	r of labial swelli	ng	
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:18329[labia	al swelling]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:30984), mesenchymal layer of labial swelling(EMAPA:30433)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30433) has order entry <1 for EMAPA:18329>			

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

Modified Component 314				
	<pre>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)]</pre>			
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>			

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(EM organ system(EMAPA:1 organ(EMAPA:16245), system(EMAPA:17381), system(EMAPA:17968), glandular tissue of	16103), visceral reproductive , male reproduct , seminal vesicl	ive e(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), glandular tissue of seminal vesicle(EMAPA:29321)]			
Rule Status	PASSED	it 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 ID	EMAPA:30484	Is Group Term	false
Name	distal genital tu	ubercle of female	JI.
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:18680[genit	tal tubercle of fe	male]
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:17381), 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:17381), female 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:17381), female reproductive system(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 associated reproductive system(EMAPA:17381), female associated reproductive system(EMAPA:17381), female associated reproductive system(EMAPA:18680), distal genital tubercle of female(EMAPA:18680), distal genital		
	5. [Abstract anatembryo(EMAPA:1603	comy(EMAPA:0), mou 39), organ system(se(EMAPA:25765), 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. Differer EMAPA:30484 has s	nt Synonyms - Refe Synonyms []	renced Component	

Modified Component 318				
ID	EMAPA: 30487	Is Group Term	false	
Name		stal genital tuber		
Starts At	TS21	Ends At	TS24	
Primary Parents		al genital tubercl		
Group Parents	In the state of th	genrear caperer	e or remare;	
Synonyms	[]			
Primary Path	[Abstract anatomy organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 female(EMAPA:1868	[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		
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(DMAPA:30487)]			
	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3 female(EMAPA:3048	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: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), mesenchyme of distal genital tubercle of female(EMAPA:30484), organ system(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:30484), mesenchyme of distal genital tubercle of female(EMAPA:30487)]			
		39), organ system(

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. Differen Component EMAPA:3	ıt Start Stage - R 0487 has Start St	eferenced age [TS22]		

ID	EMAPA:30490	Is Group Term	false	
Name	surface epithel female	ium of distal ge	nital tubercle of	
Starts At	TS21	Ends At	TS24	
Primary Parents	EMAPA:30484[dis	tal genital tube	rcle of female]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 female(EMAPA:18 female(EMAPA:30	[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:30480)]		
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:30480)]			
	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 genitalia(EMAPA female(EMAPA:18 female(EMAPA:30	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: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), surface epithelium of distal genital tubercle of female(EMAPA:30484)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 structure(EMAPA female(EMAPA:18	5039), organ syst EMAPA:16245), re 2381), female rep 2959), female ass 3:28540), genital 3680), distal gen	productive roductive ociated reproductiv tubercle of	

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:30484)]			
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>			
		t Start Stage - R 0490 has Start St		

ID	EMAPA:30493	Is Group Term	false	
Name	mesenchyme of fe	emale preputial	swelling	
Starts At	TS21	Ends At	TS24	
Primary Parents	EMAPA:30478[prep	outial swelling	of female]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 female(EMAPA:186 female(EMAPA:304	[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)]		
	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 reproducti structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputi swelling(EMAPA:30493)]			
	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 genitalia(EMAPA: female(EMAPA:184 female(EMAPA:304 swelling(EMAPA:3	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)]		
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:173 female(EMAPA:186 female(EMAPA:304	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)]		
	embryo(EMAPA:160 visceral organ(Esystem(EMAPA:173	339), organ syst MAPA:16245), re 381), female rep 359), female ass	roductive ociated reproductive	

Modified Component 320				
	<pre>female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female preputial swelling(EMAPA:30493)]</pre>			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3 female(EMAPA:1868	omy(EMAPA:0), mouse 9), organ system(1 APA:16245), reprod 1), female reprod 9), female externa 0984), genital tul 0), preputial swe 8), mesenchyme of 493)]	EMAPA:16103), ductive uctive al bercle of lling of	
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>			
		t Start Stage - Ro 0493 has Start Sta		

Modified Component 321				
ID ID	EMAPA: 30499	Is Group Term	false	
Name	preputial gland	of female	1	
Starts At	TS21	Ends At	TS24	
Primary Parents	EMAPA:30478[prep	utial swelling of	female]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 female(EMAPA:186	[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:257 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:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive		EMAPA:16103), ductive		

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>			
		nt Start Stage - R 30499 has Start St		

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 syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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 epitheliu	m of female prepu	tial swelling
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:30478[prepu	tial 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 Componer	nt 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.		
		t Order - This conferenced Componen 7 for EMAPA:17968	t (EMAPA:29304)

Modified Component 325			
ID	EMAPA:29313	Is Group Term	false
Name	internal inguinal	ring	
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:29307[ingui	nal 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[ingui	nal 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. Differen	t Order - This co	mponent has no

Modified Component 326

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

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

Modified Compor	EMAPA:30467	Is Group Term	false	
		urethral epithelium of male		
Name		lium of male		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:17969[geni	tal tubercle of m	ale]	
Group Parents				
Synonyms	[urethral plate,	urethral seam]		
Primary Path	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 male(EMAPA:17969	[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)]		
Alternate Paths	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 system(EMAPA:179 structure(EMAPA: male(EMAPA:17969	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				
), urethral epithe	elium of	
	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)]			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 genitalia(EMAPA:	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 81), male reproduc 68), male external 30977), genital tu 1), urethral epithe	EMAPA:16103), oductive tive bercle of	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differe EMAPA:30467 has	nt End Stage - Ref End Stage [TS21]	erenced Component	
	3. Different Name - Referenced Component EMAPA:30467 has name [distal uretheral epithelium of male]			
	order entries; R	ent Order - This co eferenced Componen <1 for EMAPA:17969	t (EMAPA:30467)	
	5. Differe EMAPA:30467 has	nt Synonyms - Refe synonyms []	erenced Component	

Modified Component 329				
ID	EMAPA:28613	Is Group Term	false	
Name	epithelium of tri	epithelium of trigone		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28601[epith	elium 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 Componen	t 330		
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	1), male reproduct 8), mesonephros of , coelomic epithe	l tive f
Alternate 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>		

ID	EMAPA:30478	Is Group Term	false
Name	preputial swel	ling of female	
Starts At	TS21	Ends At	TS24
Primary Parents	EMAPA:18680[ge	enital tubercle of	female]
Group Parents			
Synonyms	[prepuce of fe	emale]	
Primary Path	organ system(Eorgan(EMAPA:16 system(EMAPA:1 system(EMAPA:1	comy(EMAPA:0), mou EMAPA:16103), visc 5245), reproductiv 17381), female rep 17959), genital tu 18680), preputial 80478)]	ceral ve productive ubercle of
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:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478)]		
	embryo(EMAPA:1 visceral orgar system(EMAPA:1 system(EMAPA:1 structure(EMAP	16039), organ syst (EMAPA:16245), re 17381), female rep 17959), female ass PA:28540), genital 18680), preputial	eproductive productive sociated reproductive tubercle of

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 bla	dder		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:18321[bladd	er]		
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 epitheli	um of female		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:18680[genit	al tubercle of fe	male]	
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 Componer	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	CHANGED		
Comments	1.				
	2. Different End Stage - Referenced Component EMAPA:30470 has End Stage [TS21]				
	3. Different Name - Referenced Component EMAPA:30470 has name [distal uretheral epithelium of female]				
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:30470) has order entry <2 for EMAPA:18680>				
	5. Differer EMAPA:30470 has s	nt Synonyms - Refe synonyms []	renced Component		

Modified Component 334				
ID	EMAPA:28607	Is Group Term	false	
Name	epithelium of fun	dus		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28601[epith	elium 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. Differen	t Order - This co	mponent 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 epi	didymis		
Starts At	TS24	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:19290[epidi	dymis]		
Synonyms	[]			
Primary Path	[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 e	pididymis		
Starts At	TS24	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:19290[epidi	dymis]		
Synonyms	[]			
Primary Path	[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 Componen	t 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 o	f bladder		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:18321[bladd	er]		
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 epi	didymis		
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), adventitia of epididymis(EMAPA:30443)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	t Order - This conferenced Componen 10 for EMAPA:1929	t (EMAPA:30443)	

Modified Component 340			
ID	EMAPA:28643	Is Group Term	false
Name	detrusor muscle o	f fundus	
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detru	sor muscle of bla	dder]
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.		
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:28637	t (EMAPA:28643)

Modified Component 341			
ID	EMAPA:17646	Is Group Term	false
Name	primitive collect	ing duct	
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17373[metan	ephros]	
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>		

ID	EMAPA: 28625	Is Group Term	false	
Name	muscularis mu	cosa of fundus		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28619[m	uscularis mucosa	of bladder]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(organ(EMAPA:1 bladder(EMAPA bladder(EMAPA	[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	embryo(EMAPA: visceral orga system(EMAPA: muscularis mu	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)]		
	PASSED	Edit Status	CHANGED	
Rule Status	1.			
Rule Status Comments	1.			

Modified Componer	dified Component 343				
ID	EMAPA:17645	Is Group Term	false		
Name	cap mesenchyme				
Starts At	TS20	Ends At	TS20		
Primary Parents	EMAPA:17373[metar.zone GROUP]	nephros] JFA:00010	07[nephrogenic		
Group Parents					
Synonyms	[condensed mesend	chyme]			
Primary Path	organ system(EMAF		1		
Alternate 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>				
		nt Parents - Refer parents [EMAPA:173			

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[muscu	laris mucosa of b	ladder]
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.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:28619	t (EMAPA:28631)

Modified Component 345			
ID	EMAPA:28649	Is Group Term	false
Name	detrusor muscle o	f trigone	
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28637[detru	sor muscle of blace	dder]
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.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:28637	t (EMAPA:28649)

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 Componer	nt 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			
Name	serosa of bladder			
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:18321[bladd	er]		
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	
	1			

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[seros	a 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[seros	a 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	
	1			

Modified Component 350				
Name	blood vessels of	bladder		
Starts At	TS22 Ends At TS28			
Primary Parents	EMAPA:18321[bladd	er]		
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[pelvi	c 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[urina	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[phall	ic urethra of mal	e]	
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[metan	ephros]		
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:17959[femal	e external genita e reproductive sy e associated repr	stem]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738	1), female reprod 9), genital tuber	l uctive	
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:25 embryo(EMAPA:16039), organ system(EMAPA:16103 visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproducture(EMAPA:28540), genital tubercle of			EMAPA:16103), ductive uctive ated reproductive	

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.			
	order entries; Re	t Order - This cor ferenced Component 0 for EMAPA:30984:	(EMAPA:18680)	
	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>			
		t Synonyms - Refer ynonyms [clitoris		

Modified Component 357				
ID	EMAPA:18686	Is Group Term	false	
Name	germ cell of test	is		
Starts At	TS23	Ends At	TS27	
Primary Parents	EMAPA:18685[semin	iferous 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. Differen order entries; Re has order entry <		t (EMAPA:18685)

Modified Component 359				
ID	EMAPA:18687	Is Group Term	false	
Name	interstitium of t	he testis		
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:17972[testi	s]		
Group Parents				
Synonyms	[interstitial tis	sue]		
Primary Path	[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		reproductive systeexternal 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 anat	omy(EMAPA:0), mou	se(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:10002)] 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>			
	order entries; Re	t Order - This conferenced Componen 21 for EMAPA:1796	t (EMAPA:18682)	

Modified Component 361				
ID	EMAPA:18681	Is Group Term	false	
Name	ductus deferens	ductus deferens		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:17968[male EMAPA:28533[male	e reproductive sy e associated repr	rstem] oductive structure]	
Group Parents				
Synonyms	[vas deferens]			
Primary Path	organ system(EMAPA:1624 system(EMAPA:173	ny(EMAPA:0), mous APA:16103), visce 45), reproductive 381), male reprod 968), ductus defe	eral	
Alternate Paths	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 structure(EMAPA	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)]		
	embryo(EMAPA:160 visceral organ(I system(EMAPA:173	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)]		
	embryo(EMAPA:160 visceral organ(I system(EMAPA:173 system(EMAPA:173 structure(EMAPA	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.	1.		
	order entries; I	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18681) has order entry <13 for EMAPA:17968>		
	order entries; I			

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[metan	ephros]		
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>			
		t Start Stage - R 8679 has Start St		

Modified Component 364			
ID	EMAPA:27895	Is Group Term	false
Name	visceral epitheli	um	
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27883[proximal segment of s-shaped body]		
Group Parents			
Synonyms	[1]		
Primary 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), shaped body(EMAPA:27853), proximal segment of 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-sha	ped 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), shaped body(EMAPA:27853), medial segment of shaped body(EMAPA:27877)]		

Modified Componer	ut 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 CHANGED
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27877) has order entry <2 for EMAPA:27853>

ID	EMAPA:27883	Is Group Term	false	
Name	proximal segmen	t of s-shaped bo	dy	
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27853[s-s]	naped body]		
Group Parents				
Synonyms	[lower limb of a	s-shaped body]		
Primary Path	organ system(EML organ(EMAPA:162 metanephros(EMAL cortex(EMAPA:17	[Abstract anatomy(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), shaped body(EMAPA:27853), proximal segment of shaped body(EMAPA:27883)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769 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)]		eral tem(EMAPA:17366), nephron dy(EMAPA:27853),	
3. [Abstract anatomy(EMAPA:0), more embryo(EMAPA:16039), organ system visceral organ(EMAPA:16245), uring system(EMAPA:17366), metanephros(Parenal cortex(EMAPA:17952), s-shape body(EMAPA:27853), proximal segment body(EMAPA:27883)]		em(EMAPA:16103), inary s(EMAPA:17373), aped		
	4 [7]	(======================================	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>		

ID	EMAPA: 27865	Is Group Term	false
Name	renal connecti	ng tubule of s-sh	aped body
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27853[s-	shaped body]	·
Group Parents			
Synonyms	[]		
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA: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), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)	
Alternate Paths	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 shaped body(EM	MAPA:16103), visc 245), urinary sys APA:17373), renal 7952), early tubu	stem(EMAPA:17366),
	organ system(E organ(EMAPA:16 metanephros(EM GROUP(EMAPA:17	MAPA:16103), visc 245), urinary sys APA:17373), early 954), s-shaped bo ng tubule of s-sh	tem(EMAPA:17366), nephron dy(EMAPA:27853),
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal cortex(E	6039), organ syst (EMAPA:16245), ur 7366), metanephro MAPA:17952), s-sh 53), renal connec	inary s(EMAPA:17373),
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal cortex(E tubule(EMAPA:2	6039), organ syst (EMAPA:16245), ur 7366), metanephro MAPA:17952), earl 8500), s-shaped b ng tubule of s-sh	inary s(EMAPA:17373), y ody(EMAPA:27853),
	embryo(EMAPA:1 visceral organ system(EMAPA:1 early nephron	6039), organ syst (EMAPA:16245), ur 7366), metanephro GROUP(EMAPA:17954	rinary os(EMAPA:17373),

Modified Component 367				
	shaped body(shaped body(EMAPA:27865)]		
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.	1. 2. Different Name - Referenced Component EMAPA: 27865 has name [renal connecting tubule]		
	order entrie		s component has no conent (EMAPA:27865) 7853>	

Modified Compon	ent 368			
ID	EMAPA: 27871	Is Group Term	false	
Name	distal segment	distal segment of s-shaped body		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:27853[s-s	haped body]		
Group Parents				
Synonyms	[upper limb of	s-shaped body]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	PA:17373), renal	eral tem(EMAPA:17366), ody(EMAPA:27853),	
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMAPA:17 shaped body(EMA	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:27871)] 5. [Abstract anatomy(EMAPA:0), mouse(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.			
	order entries;	ent Order - This Referenced Compon <1 for EMAPA:278	component has no nent (EMAPA:27871) 853>	

Modified Component 369				

Modified Compor	EMAPA: 27853		false	
ID Name	s-shaped body	Is Group Term	<u> </u>	
	TS22	T	TS27	
Starts At		Ends At		
Primary Parents	cortex] EMAPA:2	8500[early tubul] EMAPA:17952[renal e]	
Group Parents				
Synonyms	[stage II nephr	on]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA	.PA:17373), renal	eral tem(EMAPA:17366),	
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), shaped body(EMAPA:27853)]		
	2. [Abstract anatomy(EMAPA:0), mouse organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(Ematanephros(EMAPA:17373), early neph GROUP(EMAPA:17954), s-shaped body(EMAPA:17954)			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:1610visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17370renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:1610visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17370renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27		em(EMAPA:16103), inary s(EMAPA:17373),	
			em(EMAPA:16103), inary s(EMAPA:17373), y	
	embryo(EMAPA:16 visceral organ(system(EMAPA:17	039), organ syst EMAPA:16245), ur 366), metanephro ROUP(EMAPA:17954	inary s(EMAPA:17373),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27853) has order entry <1 for EMAPA:28500>		
	order entries;		component has no nent (EMAPA:27853) 952>	
	order entries;		component has no nent (EMAPA:27853) 954>	

Modified Component 370			
ID	EMAPA:27841	Is Group Term	false
Name	upper limb of com	ma-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	organ system(EMAP	(EMAPA:0), mouse(1 A:16103), viscera), urinary system	1

Modified Component 370				
	metanephros(EMAPA cortex(EMAPA:1795 body(EMAPA:27835) body(EMAPA:27841)	52), comma-shaped , upper limb of c	omma-shaped	
Alternate 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:27831)]			
	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 Compone	Modified Component 371				
ID	EMAPA: 27847	Is Group Term	false		
Name	lower limb of co	omma-shaped body			
Starts At	TS22	Ends At	TS27		
Primary Parents	EMAPA: 27835 [com	ma-shaped body]			
Group Parents					
Synonyms	[proximal limb	of comma-shaped boo	ly]		
Primary 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.				

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	comma-shaped body		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:17952[rena] GROUP]	EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAI organ(EMAPA:16245 metanephros(EMAPA	[Abstract anatomy(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[meson	ephric tubule of 1	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 Componen	II .		
ID	EMAPA:29274	Is Group Term	false
Name	epithelium of ductus deferens		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:18681[ductu	s 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:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), reproductive			EMAPA:16103),

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[ductu	s 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(embryo(EMAPA:16039), organ system(EMAVisceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer ordeferens(EMAPA:29270)]			EMAPA:16103), ductive tive ed reproductive	
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[cran	ial mesonephric tul	bule 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 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), rest of 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:30536) has order entry <1 for EMAPA:30528>			

Modified Component 378				
ID	EMAPA:30532	Is Group Term	false	
Name	mesonephric glome	rulus of male		
Starts At	TS20	Ends At	TS22	
Primary Parents	EMAPA:30528[crani	al mesonephric tu	bule 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.			
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:30528	t (EMAPA:30532)	

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 semin	al vesicle	
Starts At	TS24	Ends At	TS24
Primary Parents	EMAPA:19180[semin	al 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	visceral organ(EM	omy(EMAPA:0), mou 9), organ system(APA:16245), reprod 1), male reproduc	EMAPA:16103), ductive

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.		
	order entries; Re	t Order - This cor ferenced Component 6 for EMAPA:19180:	(EMAPA:29286)

Modified Component 381				
ID	EMAPA:29282	Is Group Term	false	
Name	duct of the semin	al vesicle		
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:19180[semin	al 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[crani	al mesonephric tul	oule 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	embryo(EMAPA:1603 visceral organ(EM	9), mesonephric to 9), cranial mesone 4), mesonephric g	EMAPA:16103), ductive uctive f ubule of ephric tubule of	
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[meson	ephric 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[meson	ephric 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 mesonephr	cranial mesonephric tubule of male		
Starts At	TS23	Ends At	TS23	
Primary Parents	EMAPA:29138[meson	ephros 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 Componen	t 386		
ID	EMAPA:30558	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:30556[crani	al mesonephric tul	oule 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.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:30556	t (EMAPA:30558)

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

Modified Componen	t 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 m	esonephric tubule	of female	
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA:30544[crani	al mesonephric tu	bule 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: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), rest of cranial mesonephric tubule of female(EMAPA:305450)]			
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 Componer	at 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 Compor	ment 390		
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), surface epithelium of male preputial swelling(EMAPA:29223)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	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 Compone	ent 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.			

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

Modified Compor			E-1	
ID	EMAPA:30509	Is Group Term	false	
Name	labioscrotal s	welling of male		
Starts At	TS22	Ends At	TS23	
Primary Parents	EMAPA:17968[ma]	le reproductive s le external genit	system] calia]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EI organ(EMAPA:16: system(EMAPA:1' system(EMAPA: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), labioscrotal swelling of male(EMAPA:30509)]		
Alternate Paths	organ system(EI organ(EMAPA:16; system(EMAPA:1' system(EMAPA:1' genitalia(EMAPA	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)]		
	embryo(EMAPA:10 visceral organ system(EMAPA:11 system(EMAPA:11			
	embryo(EMAPA:10 visceral organ system(EMAPA:11 system(EMAPA:11 genitalia(EMAPA	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.	1.		
	order entries;	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[semin	iferous 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 Compon	ent 395				
ID	EMAPA:30502	Is Group Term	false		
Name	preputial gla	preputial gland of male			
Starts At	TS21	Ends At	TS23		
Primary Parents	EMAPA: 29220[p	reputial swellin	g of male]		
Group Parents					
Synonyms	[]				
Primary Path	organ system() organ(EMAPA:1 system(EMAPA: system(EMAPA:17 male(EMAPA:29	[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	organ system() organ(EMAPA:1 system(EMAPA: system(EMAPA: structure(EMA male(EMAPA:17 male(EMAPA:29	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: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 system(EMAPA:17969), preputial swelling of male(EMAPA:17969), preputial swelling of male(EMAPA:17969), preputial swelling of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial swelling of male(EMAPA:29220), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]			
	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA: genitalia(EMA male(EMAPA:17 male(EMAPA:29				
	embryo(EMAPA: visceral orga: system(EMAPA: system(EMAPA: structure(EMA male(EMAPA:17 male(EMAPA:29				
	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				
		, preputial swell: , preputial gland		
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>			
		t Start Stage - Re 0502 has Start Sta		

Modified Compor	nent 396				
ID	EMAPA:29252	Is Group Term	false		
Name	glans of male	glans of male genital tubercle			
Starts At	TS23	Ends At	TS23		
Primary Parents	EMAPA:17969[g	genital tubercle	of male]		
Group Parents					
Synonyms	[distal genit	al tubercle of m	nale, penis anlage]	
Primary Path	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA: male(EMAPA:17	[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	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA: structure(EMAPA:17	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:17381), genital tubercle of male(EMAPA:17969), glans of male genital			
	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA: genitalia(EMAPA:17				
	embryo(EMAPA: visceral orga system(EMAPA: system(EMAPA: structure(EMAPA:17				
	embryo(EMAPA: visceral orga system(EMAPA: system(EMAPA: male(EMAPA:17				
	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 Compone	nt 397		
ID	EMAPA:29254	Is Group Term	false
Name	mesenchyme of gla	ns of male genita	l 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	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 structure(EMAPA:2 male(EMAPA:17969)	1), male reproduct (8), male associate (8533), genital tu (1913), glans of male go (1952), mesenchyme	l tive ed reproductive percle of enital
	<pre>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:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]</pre>		
	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>		

DN43 D3 : 0005 C]	E - 1 -		
		false		
surface epithel tubercle	surface epithelium of glans of male genital tubercle			
TS23	Ends At	TS23		
EMAPA:29252[gla	ans of male genita	al tubercle]		
[]				
organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:1796 male(EMAPA:1796 tubercle(EMAPA:	MAPA:16103), visce 245), reproductive 7381), male reprod 7968), genital tul 59), glans of male 229252), surface	eral e ductive bercle of e genital epithelium of glans		
organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 structure(EMAPA male(EMAPA:1796 tubercle(EMAPA: of male genital	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: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:1969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29252), reproductive system(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated 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:29252), surface epithelium of glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]			
organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 genitalia(EMAPA male(EMAPA:1796 tubercle(EMAPA:				
embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 structure(EMAPA: male(EMAPA:1796 tubercle(EMAPA:				
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)]				
embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 genitalia(EMAPA: male(EMAPA:1796 tubercle(EMAPA:	5039), organ systomer systomer systomer systomer systomer (7381), male reproduced systomer (7968), male externation of male (29252), surface (7391), surface (em(EMAPA:16103), productive ductive nal tubercle of e genital epithelium of glans		
PASSED	Edit Status	CHANGED		
1.				
	EMAPA: 29252[gla [] [Abstract anatorgan system(EMOrgan (EMAPA: 162 system(EMAPA: 1796 tubercle(EMAPA: 1796 tuber	Surface epithelium of glans of tubercle TS23 Ends At EMAPA:29252[glans of male genit [] [] [] [] [] [] [] [] [] [

Modified Component 398

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

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

Modified Component 400			
ID	EMAPA:30512	Is Group Term	false
Name	mesenchyme of lab	oioscrotal swelling	g of male
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:30509[labio	scrotal swelling	of male]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), labioscrotal swelling of male(EMAPA:30509), mesenchyme of labioscrotal swelling of male(EMAPA:30512)]		
Alternate Paths	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[degen duct of male]	erating rest of pa	aramesonephric	
Group Parents				
Synonyms	[]			
Primary Path	[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 Componer	t 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: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), 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 Componer	at 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				
	male(EMAPA:17969) male(EMAPA:29205)	8), genital tubero, , distal genital ; , surface epithel: of male(EMAPA:292)	tubercle of ium of distal	
Alternate Paths	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 structure(EMAPA:2 male(EMAPA:17969) male(EMAPA:29205)	omy(EMAPA:0), mous A:16103), viscera), reproductive 1), male reproduct 8), male associate 8533), genital tul , distal genital , surface epithels of male(EMAPA:292	tive ed reproductive bercle of tubercle of ium of distal	
	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 genitalia(EMAPA:3 male(EMAPA:17969) male(EMAPA:29205)	omy(EMAPA:0), moust A:16103), visceral), reproductive 1), male reproduct 8), male external 0977), genital tul , distal genital , surface epithel of male(EMAPA:292	tive bercle of tubercle of ium of distal	
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103) visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproducts 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:29205), surface epithelium of distal genital tubercle of male(EMAPA:16039), organ system(EMAPA:16103) visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29205), surface epithelium of 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), 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. Differen Component EMAPA:2	t Start Stage - Ro 9209 has Start Sta	eferenced age [TS22]	

Modified Component 405			
EMAPA:28518	Is Group Term	true	
renal interstitiu	m group		
TS21	Ends At	TS28	
EMAPA:17373[metanephros]			
[]			
[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)]			
	EMAPA:28518 renal interstitiu TS21 EMAPA:17373[metan [] [Abstract anatomy organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA)	<pre>EMAPA:28518</pre>	

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>			
		t Start Stage - Re 8518 has Start Sta		

Modified Component 406					
ID	EMAPA:30560	Is Group Term	false		
Name	mesonephric glome	rulus of male			
Starts At	TS23 Ends At TS23				
Primary Parents	EMAPA:30556[crani	al mesonephric tul	bule 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 mesonephr	ic tubule		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:27588[meson	ephric 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 m	esonephric tubule		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:30562[crani	al mesonephric tul	bule]	
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.			
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:30562	t (EMAPA:30565)	

Modified Component 409				
ID	EMAPA:30568	Is Group Term	false	
Name	mesonephric glome	rulus		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:30562[crani	al mesonephric tu	bule]	
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 mesonephri	c tubule		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:27588[meson	ephric 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 capill	ary loop stage ne	phron GROUP	
Starts At	TS22	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17952[renal	cortex]		
Synonyms	[stage III nephro	n]		
Primary 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 mesonephr	ic tubule		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA: 27659[meson	ephric 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 mesonephri	c tubule		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA: 27659[meson	ephric 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 m	esonephric 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 glome	rulus		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:30576[crani	al mesonephric tul	bule]	
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[urina	ry 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		lary loop renal co interstitium gro		
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 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)] [Abstract anatomy(EMAPA:0), mouse(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 corpuscle(EMAPA:27907), assoc 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)] PASSED Edit Status CHANGED Rule Status Comments 1. Different Order - This component has no order entries; Referenced Component (EMAPA: 27925) has order entry <0 for EMAPA:27907> 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 lay	er			
Starts At	TS20 Ends At TS24				
Primary Parents	EMAPA:27711[urete	ral mesenchyme]			
Group Parents					
Synonyms	[presumptive lami	na 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 epitheli	um		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:27907[capil	lary loop renal c	orpuscle]	
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 cortex(EMAPA:1795 capillary loop re visceral epitheli	<pre>2), late tubule(Enal corpuscle(EMA)</pre>	MAPA:28527), PA:27907),		
	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA		l (EMAPA:17366), phron		
	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[capil	lary loop renal c	orpuscle]	
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 Componer	ut 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 r	eproductive struct	ture		
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 Compo	nent 424	1				
ID	EMAPA: 27943	Is Group Term	false			
Name	maturing renal	maturing renal corpuscle				
Starts At	TS22	Ends At	TS27			
Primary Parents	EMAPA: 28445[st	age IV immature n turing nephron] E				
Group Parents						
Synonyms	[renal corpusc	le of Stage IV ne	phron]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM	APA:17373), renal 7952), maturing r	eral tem(EMAPA:17366),			
Alternate Paths						
	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)]					
	organ system(E organ(EMAPA:16 metanephros(EM GROUP(EMAPA:17	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)]				
	embryo(EMAPA:1 visceral organ system(EMAPA:1 stage IV immat	6039), organ syst (EMAPA:16245), ur 7366), metanephro	inary			
	embryo(EMAPA:1 visceral organ system(EMAPA:1	6039), organ syst (EMAPA:16245), ur 7366), metanephro MAPA:17952), matu	rinary os(EMAPA:17373),			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal cortex(E	6039), organ syst (EMAPA:16245), ur 7366), metanephro MAPA:17952), late 8527), maturing r	inary s(EMAPA:17373),			

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	CHANGI	ED	
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>					
	order en	5. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <4 for EMAPA:17952>				
	order en	tries; Re	t Order - This ferenced Compor 9 for EMAPA:179	nent (EMA)		

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				
EMAPA:27949	Is Group Term	false		
maturing glomerular tuft				
TS22	Ends At	TS27		
EMAPA:27943[maturing renal corpuscle]				
	EMAPA: 27949 maturing glomerul TS22	EMAPA: 27949 Is Group Term maturing glomerular tuft TS22 Ends At		

Modified Compon	ent 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[femal	e reproductive sy	stem]	
Synonyms	[]			
Primary Path	[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>			

TD	EMAPA: 27931	Is Group Term	false	
Name	presumptive mesan			
	TS22	<u> </u>	TS27	
Starts At		Ends At		
Primary Parents		. interstitium gro .lary loop renal c		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:1795 corpuscle(EMAPA: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), capillary loop renal corpuscle(EMAPA:27907), presumptive mesangium(EMAPA:27931)]		
Alternate Paths	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA group(EMAPA:28518	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)]		l (EMAPA:17366), pillary loop capillary loop	

Modified Component 428 [Abstract anatomy(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)] [Abstract anatomy(EMAPA:0), mouse(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 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 [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral Primary Path organ(EMAPA:16245), wisceral 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)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), Alternate Paths 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)] [Abstract anatomy(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)] [Abstract anatomy(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)] [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 (2000), 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[urete	ral mesenchyme]		
Group Parents				
Synonyms	[presumptive adve	ntitia]		
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 re	nal 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 Componer	nt 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	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 Componen	at 432		
	ureter(EMAPA:1795	5), urinary system 50), ureteral :27711), middle la	· , ,
Alternate Paths	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	comy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 56), ureter(EMAPA: :27711), middle la	EMAPA:16103), ry 17950), ureteral
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	nt Order - This co eferenced Componen <1 for EMAPA:27711	t (EMAPA:28567)

Modified Compor	nent 433			
ID	EMAPA:27901	Is Group Term	false	
Name	parietal epithe	elium		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27883[pro	ximal segment of	s-shaped body]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMAPA:17 proximal segmen	[Abstract anatomy(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	organ system(EM organ(EMAPA:162 metanephros(EMAPA:17 shaped body(EMAPA) shaped body(EMAPA)	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), shaped body(EMAPA:27853), proximal segment of shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	organ system(EM organ(EMAPA:162 metanephros(EMAPA:179 proximal segmen	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:257 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)]		em(EMAPA:16103), inary s(EMAPA:17373), aped	
4. [Abstract anator embryo(EMAPA:16039 visceral organ(EMAPA:17366 renal cortex(EMAPA tubule(EMAPA:28500 proximal segment or parietal epithelium		5039), organ syst EMAPA:16245), ur 7366), metanephro MAPA:17952), earl 8500), s-shaped b nt of s-shaped bo	inary s(EMAPA:17373), Y ody(EMAPA:27853), dy(EMAPA:27883),	
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 early nephron 6 body(EMAPA:2785 body(EMAPA:2788	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 Componen	t 434		
ID	EMAPA:28588	Is Group Term	false
Name	superficial cellu	lar layer	
Starts At	TS21	Ends At	TS28
Primary Parents	EMAPA:28089[uroth	elium]	
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.		
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:28089	t (EMAPA: 28588)

Modified Component 435			
ID	EMAPA:27967	Is Group Term	false
Name	visceral epitheli	um	
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[matur	ing glomerular tu	ft]
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:1795	2), maturing rena 7943), maturing g , visceral	l (ЕМАРА:17366), l
Alternate 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)]		
			1 (EMAPA:17366), MAPA:28527), 43), maturing
	3. [Abstract anat	omy(EMAPA:0), mou	se(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)] [Abstract 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)] [Abstract anatomy(EMAPA:0), mouse(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)] [Abstract 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)] PASSED Edit Status CHANGED Rule Status Comments 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 paramesonephr:	ic duct of male
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			

Modified Componen	t 436		
Synonyms	[degenerating Mllerian duct]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	r(EMAPA:0), mouse(PA:16103), viscera b), reproductive B1), male reproduc B8), degenerating duct of male(EMAPA	l tive rest of
Alternate 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)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29196) has order entry <1 for EMAPA:17968>		
	3. Differen EMAPA:29196 has s duct]	nt Synonyms - Refe synonyms [degenera	renced Component ting Müllerian

Modified Component 437			
ID	EMAPA:29199	Is Group Term	false
Name	epithelium of deg duct of male	enerating rest of	paramesonephric
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:29196[degen duct of male]	erating rest of pa	aramesonephric
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 paramesonephric d	1), male reproduct 8), degenerating a cuct of male (EMAPA enerating rest of	l tive rest of :29196),
Alternate 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), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen O for EMAPA:29196	t (EMAPA:29199)

Modified Component 438			
ID	EMAPA: 27955	Is Group Term	false
Name	glomerular capillary system of maturing glomerular tuft		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:27949[maturing glomerular tuft] EMAPA:31469[small blood vessels]		
Group Parents			

Modified Componer	nt 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:27949)]
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:27949)
	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)] PASSED CHANGED Rule Status Edit Status Comments 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)

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),			

has order entry <5 for EMAPA:31469>

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 Compor	EMAPA: 27961	Is Group Term	false		
Name					
Starts At	TS22 Ends At TS27				
Primary Parents		enal interstitium			
111		aturing glomerular			
Group Parents					
Synonyms	[]				
Primary Path	organ system(I organ(EMAPA:16 metanephros(EM cortex(EMAPA:16 corpuscle(EMAPA:179 tuft(EMAPA:279	[Abstract anatomy(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:2576! 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:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:maturing renal corpuscle(EMAPA:27943), maturing lomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2007) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1730)			eral tem(EMAPA:17366), ephron(EMAPA:28485), 27943), maturing		
			eral		

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)] [Abstract anatomy(EMAPA:0), mouse(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)] CHANGED Rule Status PASSED Edit Status Comments 1. Different Order - This component has no order entries; Referenced Component (EMAPA: 27961) has order entry <1 for EMAPA:27949> Different Order - This component has no order entries; Referenced Component (EMAPA: 27961) has order entry <3 for EMAPA:28518>

ID	EMAPA:29185	Is Group Term	false		
Name	paramesonephric	paramesonephric duct of male, rest of			
Starts At	TS20	Ends At	TS21		
Primary Parents	EMAPA:17968[male	EMAPA:17968[male reproductive system]			
Group Parents					

Modified Component 441				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29185) has order entry <2 for EMAPA:17968>			

Modified Component 442				
ID	EMAPA:29187	Is Group Term	false	
Name	epithelium of rest of paramesonephric duct of male			
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:29185[param	esonephric duct o	f male, rest of]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), epithelium of rest of paramesonephric duct of male(EMAPA:29187)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29187) has order entry <0 for EMAPA:29185>			

Modified Component 443				
ID	EMAPA:29189	Is Group Term	false	
Name	mesenchyme of res	t of paramesoneph	ric duct of male	
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:29185[paramesonephric duct of male, rest of]			
Group Parents				
Synonyms	[]			
	[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.			
		t Order - This conferenced Componen 1 for EMAPA:29185	t (EMAPA:29189)	

ID	EMAPA: 27985	Is Group Term	false	
Name		f renal corpuscle		
	TS22		TS27	
Starts At		Ends At	1527	
Primary Parents	EMAPA: 27973 [Bown	man's capsule]		
Group Parents		1		
Synonyms	[Bowman's space			
Primary Path	organ system(EML organ(EMAPA:162 metanephros(EMAL cortex(EMAPA:17 corpuscle(EMAPA capsule(EMAPA: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), 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:2576) 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)]		eral em(EMAPA:17366), IV immature eenal	
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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:2576 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:284 maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]			
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA: organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17 metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renacorpuscle(EMAPA:27985)]		eral :em(EMAPA:17366), nephron nal		
	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 anatembryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAPA:2007) corpuscle(EMAPA:2007)	73), urinary spac	EMAPA:16103), ry MAPA:17373), g renal		
	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[matur EMAPA:28457[renal	ing renal corpusc vasculature]	le]	
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)]			
		omy(EMAPA:0), mous A:16103), viscera		

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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)]
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- 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 Compor	nent 446				
ID	EMAPA: 27979	Is Group Term	false		
Name	parietal epithe	parietal epithelium			
Starts At	TS22	Ends At	TS27		
Primary Parents	EMAPA: 27973 [Bown	man's capsule]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EML organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17		al n(EMAPA:17366),		
Alternate Paths	organ system(EML organ(EMAPA:162 metanephros(EMAPA:2) nephron(EMAPA:2) corpuscle(EMAPA capsule(EMAPA:2)	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)]				
	organ system(EML organ(EMAPA:162 metanephros(EMAL cortex(EMAPA:17 maturing renal capsule(EMAPA:2	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:17376), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]				
6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:16039), organ system(EMAPA:1 visceral organ(EMAPA:16245), urinary			(EMAPA:16103),		

Modified Component 446					
	<pre>system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]</pre>				
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP	27), maturing rena 27943), Bowman's 273), parietal	EMAPA:16103), ry MAPA:17373),		
	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)]				
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	73), parietal	EMAPA:16103), ry MAPA:17373),		
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[matur	ing renal corpusc	le]	
Group Parents				
Synonyms	[glomerular capsu	le]		
Primary 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)]			
	organ system(EMAP	omy(EMAPA:0), mou A:16103), viscera), urinary system	1	

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)] PASSED Edit Status CHANGED Rule Status Comments 1. 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 mesenc	hyme		
Starts At	TS15	Ends At	TS16	
Primary Parents	EMAPA:16744[meson	ephros]		
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 anat embryo(EMAPA:1603	omy(EMAPA:0), mous 9), organ system(l	se(EMAPA:25765), 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[genit	ourinary 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[meson	ephros]			
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[meson	ephros]			
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), nontubular 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 vagi	na		
Starts At	TS28	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:18986[vagin	a]		
Synonyms	[]			
Primary Path	[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			
Name	mature nephron			
Starts At	TS25	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17373[metanephros]			
Synonyms	[]			
	[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[colle EMAPA:17373[metan			
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245	(EMAPA:0), mouse(PA:16103), viscera), urinary system ::17373), ureteric)]	1	
Alternate 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:1795	2), maturing neph	ron(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 collect	ing duct group		
Starts At	TS21	Ends At	TS21	
Primary Parents				
Group Parents	EMAPA:17373[metan	ephros]		
Synonyms	[]			
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[devel system GROUP]	oping vasculature	of urinary	
Group Parents	EMAPA:17366[urina	ry 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. Differen EMAPA:28457 has p	t Parents - Refere arents []	enced Component	

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[metan	ephros]		
Synonyms	[]			
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 grou	p		
Starts At	TS17	Ends At	TS18	
Primary Parents				
Group Parents	EMAPA:16367[genit	ourinary 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 grou	.p		
Starts At	TS19	Ends At	TS19	
Primary Parents				
Group Parents	EMAPA:16245[visce	ral 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[metan	ephros]		
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 segmen	t		
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			

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Modified Component 462
                           tubule(EMAPA:28387), distal straight
                          tubule(EMAPA:28396), postmacula
                           segment (EMAPA: 28402)
                          1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral
Alternate Paths
                          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)]
                          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),
segment(EMAPA:28402)]
                                                          postmacula
                          [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)]
                           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)]
                          [Abstract anatomy(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)]
                           [Abstract anatomy(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),
segment(EMAPA:28402)]
                                                          postmacula
                           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)]
                           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)]
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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 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)]
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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),

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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
renal cortex(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)]
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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>			

ID	EMAPA:28405	Is Group Term	false	
Name	ureteric trunk	ureteric trunk		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:17373[me collecting due	etanephros] EMAPA et group]	:28477[primitive	
Group Parents				
Synonyms	[ureteric sta]	.k]		
Primary Path	organ system(Forgan(EMAPA:16	MAPA:16103), viso 5245), urinary sy: MAPA:17373), ureto	stem(EMAPA:17366),	
Alternate Paths	organ system(Forgan(EMAPA:16	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 primitive coll			
	embryo(EMAPA:1 visceral organ system(EMAPA:1	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.			
	order entries	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)			

has order entry <15 for EMAPA:17373>

Modified Componer	nt 464		
ID	EMAPA:28387	Is Group Term	false
Name	renal distal tubu	le	
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:18976[corti	cal renal tubule]	JL
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy	(EMAPA:0), mouse(EMAPA:25765),
	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	A:16103), viscera), urinary system ::17373), renal 2), cortical rena 6), renal distal	l (EMAPA:17366),
Alternate Paths	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	91), cortical rena 6), renal distal	l (EMAPA:17366),
	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:28445), 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 cortex(EMAPA:1795 cortical renal tu tubule(EMAPA:2838	:17373), renal 2), late tubule(El bule(EMAPA:18976) 7)]	MAPA:28527), , renal distal
	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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736		EMAPA:16103), ry MAPA:17373),
	embryo(EMAPA:1603	omy(EMAPA:0), mou 9), organ system(APA:16245), urina	EMAPA:16103),

Modified Component 464			
	<pre>system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]</pre>		
	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 vasculature] EMAP	venous system] E A:17366[urinary s	
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)]		
	organ system(EMAP	omy(EMAPA:0), mou A:16103), viscera), urinary system	1

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>				

TD	EMAPA: 28373	Is Group Term	false	
		The state of the s		
Name	renal artery			
Starts At	TS21	Ends At	TS28	
Primary Parents	EMAPA:31436[renal EMAPA:28457[renal system]] APA:17366[urinary	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245	[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 organ(EMAPA:16245) renal vasculature(artery(EMAPA:28373), urinary system (EMAPA:28457), re	(EMAPA:17366),	
	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 entries; Ref has order entry <5		t (EMAPA:28373)	

Modified Component 467			
ID	EMAPA:28370	Is Group Term	false
Name	inner medullary o	collecting duct	
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28349[inner trunk]	medulla] EMAPA:2	8494[ureteric
Group Parents			
Synonyms	[papillary collec	ting 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)]		
		comy(EMAPA:0), mou 19), organ system(

Modified Componer	t 467		
	<pre>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)]</pre>		
	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>		
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:28494	t (EMAPA:28370)

Modified Component 468				
ID	EMAPA:16858 Is Group Term false			
Name	gonadal mesenchym	е		
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.			
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:16857	t (EMAPA:16858)	

Modified Component 469				
ID	EMAPA:16859	Is Group Term	false	
Name	primordial germ c	ells		
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				

Modified Component 471

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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)]
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- 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)]
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- 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 2. Different Order - This component has no order entries; Referenced Component (EMAPA:28396) has order entry <2 for EMAPA:28387> Different Parents - Referenced Component EMAPA:28396 has parents [EMAPA:28387]

Modified Component	472	

Modified Component 472				
ID	EMAPA: 28399	Is Group Term	false	
Name	macula densa			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA: 28396[dist	al straight tubu	le]	
	EMAPA · 30449[Juxt	aglomerular compi		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]			
Alternate Paths	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189 mature nephron G	PA:16103), viscents), urinary system A:17373), mature 491), cortical response results of the cortical	em(EMAPA:17366), enal nal tubule of), distal straight	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:283 tubule(EMAPA:283	PA:16103), viscents, urinary system of the s	em(EMAPA:17366), enal l ight a(EMAPA:28399)]	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189 mature nephron G	PA:16103), viscents), urinary system A:17373), stage 1445), cortical response for the cortical r	em(EMAPA:17366), IV immature enal nal tubule of), distal straight	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:283 tubule(EMAPA:283	PA:16103), viscents, urinary system of the s	em(EMAPA:17366), IV immature enal l ight	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179	PA:16103), visce 5), urinary syste	ral em(EMAPA:17366), ular	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 stage nephron GR tubule(EMAPA:189 mature nephron G	PA:16103), viscents), urinary system in a	em(EMAPA:17366), capillary loop , cortical renal nal tubule of), distal straight	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 stage nephron GR tubule(EMAPA:189 tubule(EMAPA:283 tubule(EMAPA:283	PA:16103), viscents, urinary systems, a:17373), renal 52), developing (OUP(EMAPA:28506), renal distal 87), distal stratege), macula dense	em(EMAPA:17366), capillary loop , cortical renal l ight	

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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)]
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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), 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)]
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- 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 Componer	Modified Component 472					
	renal cortex(EMAP tubule(EMAPA:1897 mature nephron GR tubule(EMAPA:2839 27. [Abstract ana embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP tubule(EMAPA:1897		l renal l tubule of distal straight EMAPA:28399) use(EMAPA:25765), EMAPA:16103), ry MAPA:17373), l renal			
	tubule (EMAPA: 2839	7), distal straig 6), 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 JFA:0001013[corti GROUP]		of mature nephron	
Group Parents				
Synonyms	[second convolute	d 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			

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tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
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- 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

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convoluted tubule (EMAPA: 28393)]
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- 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)]

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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: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) 1
                             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),
tubule(EMAPA:28393)]
                                                                distal convoluted
                              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)]
                                                                                        CHANGED
Rule Status
                             PASSED
                                                          Edit Status
                                      1.
Comments
                                            Different Order - This component has no
                             order entries; Referenced Component (EMAPA:28393)
                             has order entry <1 for EMAPA:28387>
                                             Different Parents - Referenced Component
                             EMAPA: 28393 has parents [EMAPA: 28387]
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Modified Component 474					
ID	EMAPA:28390	Is Group Term	false		
Name early distal tubule					

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Modified Component 474
                                                   Ends At
                                                                             TS27
Starts At
Primary Parents
                          EMAPA:28387[renal distal tubule]
Group Parents
                          []
Svnonvms
                          [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
Primary Path
                          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)]

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

Alternate Paths
                         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)]
                          [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                         organ system(EMAPA:16103), visceral
                         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),
tubule(EMAPA:28390)]
                                                        early distal

    [Abstract anatomy(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
                          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)]
                          [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                         embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
                          system(EMAPA:17366), metanephros(EMAPA:17373),
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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:1752), 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:17376), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal
                             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)]
                                                                                       CHANGED
                             PASSED
                                                         Edit Status
Rule Status
Comments
                                      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 i	nterstitium		
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 anat	omy(EMAPA:0), mou	se(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>				
	order entries; Re	t Order - This co ferenced Componen 8 for EMAPA:28518	t (EMAPA: 28337)		

Modified Component 476					
ID	EMAPA:28346	Is Group Term	false		
Name	outer medullar	ry collecting duct			
Starts At	TS25	Ends At	TS28		
Primary Parents	EMAPA:28310[outrunk]	uter medulla] EMAF	PA:28494[ureteric		
Group Parents					
Synonyms	[]				
Primary Path	organ system(I organ(EMAPA:16 metanephros(EN medulla(EMAPA:	[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:28310), outer medullary collecting duct(EMAPA:28346)]			
Alternate Paths	organ system(I organ(EMAPA:16 metanephros(EN trunk(EMAPA:28	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)]			
	organ system(I organ(EMAPA:16 metanephros(EN duct(EMAPA:284	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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 ureteric trunk	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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 collecting du trunk(EMAPA:28	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 a	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>			
	order entries; Re	t Order - This con eferenced Component 4 for EMAPA:28310	t (EMAPA:28346)	

Modified Component 477					
ID	EMAPA:17948 Is Group Term false				
Name	pelvis				
Starts At	TS21	Ends At	TS28		
Primary Parents	EMAPA:17373[metan	ephros]			
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 l	imb			
Starts At	TS25	Ends At	TS28		
Primary Parents	EMAPA:28322[loop	of Henle, outer m	edullary 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	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA nephron(EMAPA:284 group(EMAPA:19280	91), Loop of Henl), loop of Henle, 22), thin descend	l (EMAPA:17366), e outer medullary		

Modified Component 478					
rodified Componen	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 li	mb		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28322[loop	of Henle, outer m	edullary portion]	
Group Parents				
Synonyms	[ascending thin l	imb]		
Primary 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					
	embryo(EMA visceral o system(EMA mature nep group(EMAP	PA:1603 rgan(EM PA:1736 hron(EM A:19280 APA:283	9), organ sys APA:16245), u 6), metanephr APA:28491), L), loop of He 22), thin asc	tem(rina os(E oop nle,	ry MAPA:17373), of Henle outer medullary
	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[urina	ry 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 straigl	nt 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 Componer	Modified Component 481				
	metanephros(EMAPA medulla(EMAPA:192 loop of Henle, ou	79), outer medullater medullary 22), premacula seg	a(EMAPA:28310),		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1736 metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medu portion(EMAPA:28322), premacula segment of distraight tubule(EMAPA:28331)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17360 metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medul portion(EMAPA:28322), premacula segment of disstraight 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 medulla portion(EMAPA:28322), premacula segment of distastraight tubule(EMAPA:28331)]				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 embryo(EMAPA:16039), organ system(EMAPA:1610 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 se 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 m	edullary 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 Compon	ent 483			
ID	EMAPA:28364	Is Group Term	false	
Name	inner medullary i	nterstitium		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28349[inner interstitium grou	medulla] EMAPA:2 p]	8518[renal	
Group Parents				
Synonyms	[papillary inters	titium]		
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192	[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:2 embryo(EMAPA:16039), organ system(EMAPA:1610 visceral organ(EMAPA:16245), urinary			EMAPA:16103),	

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 Compor	nent 484			
ID	EMAPA:28361	Is Group Term	false	
Name	thin ascending	limb		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28352[loo	p of Henle, inner	medullary portion]	
Group Parents				
Synonyms	[ascending thin	limb]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1 loop of Henle,	[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	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2 group(EMAPA:192 portion(EMAPA:2	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)]			
		1		

Modified Component 484				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		t (EMAPA:28361)	

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: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, in	ner medullary por	tion	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:19280[Loop medulla]	of Henle group] E	MAPA:28349[inner	
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),			
	<pre>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),</pre>			
	3. [Inductace and	Carrier 11-0, 1 moun		

Modified Component 486					
	<pre>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)]</pre>				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28352) has order entry <0 for EMAPA:28349>				
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:19280	t (EMAPA:28352)		

Modified Compone		1		
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 m	edullary portion]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA) organ(EMAPA:1624 metanephros(EMAPA: medulla(EMAPA:19 loop of Henle, i: portion(EMAPA:28	[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 medulla 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[prima	ry 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 inter	stitium		
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				
Alternate 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[metan	ephros]		
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>			
		t Synonyms - Refe ynonyms [early tu		

Modified Component 492				
ID	EMAPA:17956	Is Group Term	false	
Name	phallic urethra o	f male		
Starts At	TS23	Ends At	TS27	
Primary Parents	EMAPA:18692[ureth	ra 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 reproducti	ve system		
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:17381[repro	ductive 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:179	59)]	
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[femal structure] EMAPA:	e associated repr 17959[female repr	oductive oductive 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, ou	ter medullary por	tion
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19280[Loop of Henle group] EMAPA:28310[outer medulla]		
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	79), outer medulla	l (EMAPA:17366),

Modified Component 495				
	portion(EMAPA:28322)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28322) has order entry <0 for EMAPA:19280>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28322) has order entry <0 for EMAPA:28310>			

Modified Component 496			
ID	EMAPA:17962	Is Group Term	false
Name	ovary		
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]
Group Parents			
Synonyms	[]		
Primary Path	[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	1.		
	2. Differen	t Order - This co	mponent has no

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 ov	ary	
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 ovar	У	
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17962[ovary]	
Group Parents			
Synonyms	[oogonia, premeio	tic 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.		
	order entries; Re	t Order - This co ferenced Componen 3 for EMAPA:17962	t (EMAPA:17965)

Modified Component 499				
ID	EMAPA:17963	Is Group Term	false	
Name	surface epithelium of ovary			
Starts At	TS20	Ends At	TS28	

Modified Componen	t 499		
Primary Parents	EMAPA:17962[ovary]		
Group Parents			
Synonyms	[coelomic epithel	ium]	
Primary Path	[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>		

ID	EMAPA:17969	Is Group Term	false	
Name	genital tuberc	genital tubercle of male		
Starts At	TS20	Ends At	TS24	
Primary Parents	EMAPA:28533[ma	le reproductive s le associated rep le external genit	roductive structure	
Group Parents				
Synonyms	[penis anlage]			
Primary Path	organ system(E organ(EMAPA:16 system(EMAPA:1	omy(EMAPA:0), mou MAPA:16103), visc 245), reproductiv 7381), male repro 7968), genital tu 69)]	eral e ductive	
Alternate Paths	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 structure(EMAP	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), 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:17381), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]		
	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 genitalia(EMAP			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 structure(EMAP			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA embryo(EMAPA:16039), organ system(EMAPA:16:00000000000000000000000000000000000			
	embryo(EMAPA:1	natomy(EMAPA:0), 6039), organ syst (EMAPA:16245), re	mouse(EMAPA:25765), em(EMAPA:16103), productive	

Modified Component 500			
	<pre>system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969))</pre>		
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>		
	order entries; Re	t Order - This conferenced Componen 20 for EMAPA:1796	t (EMAPA:17969)

Modified Component 501			
ID	EMAPA:17968	Is Group Term	false
Name	male reproductive	system	
Starts At	TS20	Ends At	TS28
Primary Parents	EMAPA:17381[repro	ductive 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: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 syst	em]
Group Parents			
Synonyms	[]		
Primary Path	[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 epitheli	um of testis	
Starts At	TS20	Ends At	TS24
Primary Parents	EMAPA:17972[testi	s]	
Group Parents			
Synonyms	[]		
Primary Path	[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 Componen	t 505		
Primary Parents	EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[mesonephric duct Wolffian duct of	of male, mesonep	hric portion,
Primary Path	[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 Compone	EMAPA:17971	T. G	false	
ID		Is Group Term	laise	
Name	mesorchium	T.	7	
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:28533[male EMAPA:17968[male	associated reprod reproductive syst	uctive structure] em]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAR organ(EMAPA:16245 system(EMAPA:1738	y(EMAPA:0), mouse(PA:16103), viscera 5), reproductive 31), male reproduc 58), mesorchium(EM	l tive	
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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796	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.			
	order entries; Re	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 Compor	ent 507			
ID	EMAPA:30037	Is Group Term	false	
Name	renal cortical o	apillary		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28142[rena EMAPA:31443[rena blood vessels]		ulature] EMAPA:31469[small	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA	PA:16103), visc 5), urinary sys A:17373), renal 52), renal cort A:28142), renal	tem(EMAPA:17366), ical	
Alternate Paths	organ system(EMA	APA:16103), visc 25), urinary sys 2A:17373), small 2469), renal cor	tem(EMAPA:17366), blood	
	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)]			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 small blood vess	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 and embryo(EMAPA:160 visceral organ(Esystem(EMAPA:173 renal capillarie capillary(EMAPA:	39), organ syst MAPA:16245), ur 366), metanephro s(EMAPA:31443),	s(EMĀPA:17373),	
		339), organ syst MAPA:16245), ur 866), metanephro PA:17952), rena PA:28142), renal	s(EMĀPA:17373), l cortical	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has order entries; Referenced Component (EMAPA:300 has order entry <0 for EMAPA:31469>			
	3. Differe order entries; F has order entry	Referenced Compo	component has no nent (EMAPA:30037) 443>	
	4. Differe order entries; Final has order entry	Referenced Compos	component has no nent (EMAPA:30037) 142>	

Modified Component 508				
ID	EMAPA:31235	Is Group Term	true	
Name	developing vascul	developing vasculature system of epididymis		
Starts At	TS24	Ends At	TS27	
Primary Parents				

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>		

ID	EMAPA:30031	Is Group Term	false	
Name	glomerular mes	glomerular mesangium of Bowman's capsule		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27973 [Bo	wman's capsule]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(E) organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 corpuscle(EMAPA: capsule(EMAPA:	[Abstract anatomy(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:25769 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)]		eral tem(EMAPA:17366), IV immature renal s	
	organ system(E) organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 maturing renal capsule(EMAPA:	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:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA: maturing renal corpuscle(EMAPA:27943), Bowma capsule(EMAPA:27973), glomerular mesangium o Bowman's capsule(EMAPA:30031)]		eral tem(EMAPA:17366), ephron(EMAPA:28485) 27943), Bowman's		
	organ system(El organ(EMAPA:16 metanephros(EM GROUP(EMAPA:17	natomy(EMAPA:0), MAPA:16103), visc 245), urinary sys APA:17373), early 954), maturing re A:27943), Bowman'	tem(EMAPA:17366), nephron nal	

Modified Componen	t 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>	

ID	EMAPA:30801	Is Group Term	false	
Name	vasculature of bu	lbourethral gland		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19286[bulbo	urethral 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 ov	iduct	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18984[ovidu	ct]	
Group Parents			
Synonyms	[]		
Primary Path	[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 Compor	EMAPA: 28281	Ta Crown Floren	false
		Is Group Term	Taise
Name	renal proximal	7	та о о
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA: 18976 cor	tical renal tubu	Le]
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			
			eral tem(EMAPA:17366), IV immature renal
3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:0), visceral organ(EMAPA:16245), urinary system(EMAPA:metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillar stage nephron GROUP(EMAPA:28506), corticubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]		eral tem(EMAPA:17366), capillary loop), cortical renal	
	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)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17 cortical renal	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)]	
	organ system(EM organ(EMAPA:162	APA:16103), visce	tem(EMAPA:17366),

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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)]
                            [Abstract 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)]
                            PASSED
                                                                                     CHANGED
Rule Status
                                                         Edit Status
Comments
                            2. Different Order - This component has no order entries; Referenced Component (EMAPA:28281)
                            has order entry <1 for EMAPA: 18976>
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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	[]		
	1		

Modified Componen	t 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>		

ID	EMAPA:28284	Is Group Term	false
Name	early proximal tubule		
Starts At	TS25	Ends At	TS27
Primary Parents	EMAPA:28281[re	enal proximal tubu	le]
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	organ system(E organ(EMAPA:16 metanephros(EM nephron(EMAPA: tubule(EMAPA:1	MAPA:16103), visce (245), urinary system (APA:17373), mature (28491), cortical (18976), renal proxi (28281), early proxi	tem(EMAPA:17366), e renal imal
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]		eral tem(EMAPA:17366), IV immature renal imal
	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 stage nephron tubule(EMAPA:1	MAPA:16103), visce 5245), urinary syst IAPA:17373), renal 7952), developing GROUP(EMAPA:28506 .8976), renal prox:	tem(EMAPA:17366), capillary loop), cortical renal imal
	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 cortical renal	MAPA:16103), visce 5245), urinary syst IAPA:17373), renal .7952), late tubule . tubule(EMAPA:189' 28281), early proxi	tem(EMAPA:17366), e(EMAPA:28527), 76), renal proximal

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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)]
                            [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:1752), developing capitlary
                            loop stage nephron GROUP(EMAPA: 28506), cortical
                            renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]

    [Abstract anatomy(EMAPA:0), mouse(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),
tubule(EMAPA:28284)]
                                                              early proximal
                            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
                                                              early proximal
                             tubule(EMAPA: 28281),
                             tubule(EMAPA: 28284) 1
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 Compor		
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	

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tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
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- 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:1752), 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>			
		nt Parents - Refere parents [EMAPA:2828		

Modified Component 517				
ID	EMAPA:31240	Is Group Term	false	
Name	surface epitheliu	m of testis		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17972[testi	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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[primo	ordial 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 va	gina		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:18986[vagin	a]		
Group Parents				
Synonyms	[]			
Primary Path	[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>			

ID	EMAPA:28272	Is Group Term	false		
Name	rest of afferer	rest of afferent arteriole			
Starts At	TS25	Ends At	TS28		
Primary Parents	EMAPA: 28266[aff	Eerent arteriole]			
Group Parents					
Synonyms					
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17 corpuscle(EMAPA	[Abstract anatomy(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			
Alternate Paths			eral tem(EMAPA:17366),), afferent		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2570 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366 developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:280 afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2570 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)]				
	organ system(EM organ(EMAPA:162 metanephros(EMA vessels(EMAPA:3	MAPA:16103), visce 245), urinary syst APA:17373), small 31469), afferent A:28266), rest of	tem(EMAPA:17366), blood		
	organ system(EM organ(EMAPA:162 metanephros(EMAPA:2 nephron(EMAPA:2 corpuscle(EMAPA	MAPA:16103), visce 245), urinary syst APA:17373), mature 28491), mature ren A:28236), afferent A:28266), rest of	tem(EMAPA:17366), e nal t		

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Modified Component 521
                          [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)]

    [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:28266),
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)]
                         PASSED
                                                   Edit Status
                                                                             CHANGED
Rule Status
Comments
                                 2. Different Order - This component has no
                          order entries; Referenced Component (EMAPA: 28272)
                         has order entry <1 for EMAPA: 28266>
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Modified Component 522			
ID	EMAPA:30819	Is Group Term	false
Name	clitoris		

Modified Component 522				
Starts At	TS28	Ends At	TS28	
Primary Parents		e external genita e reproductive sy		
Group Parents				
Synonyms	[genital tubercle	of female]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738	(EMAPA:0), mouse(A:16103), viscera), reproductive 1), female reprod 9), clitoris(EMAP	l uctive	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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				
ID	EMAPA:28275	Is Group Term	false	
Name	efferent arteriol	е		
Starts At	TS25 Ends At TS28			
Primary Parents		e renal corpuscle venous system] El		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), 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 anat	omy(EMAPA:0), mou	se(EMAPA:25765),	

Modified Component 523 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 larteriole(EMAPA:28275)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA: 17954), mature renal corpuscle(EMAPA: 28236), efferent arteriole(EMAPA:28275)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), efferent efferent arteriole(EMAPA:28275)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), efferent arteriole(EMAPA:28275)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)] [Abstract 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 neb/FMAPA:28236) ariformatic renal corpuscle(EMAPA:28236), efferent arteriole(EMAPA:28275)] PASSED CHANGED Rule Status Edit Status Comments 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				
		5), reproductive 81), male reproduc 68), cremaster mus		
Alternate 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: 28236 [matur	interstitium gro ce renal corpuscle aglomerular comple]
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:1795	52), mature renal 28236), extraglome	l (EMAPA:17366),
Alternate 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)]		l (EMAPA:17366), phron
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:0), embryo(EMAPA:16039), organ system(EMAPA:16039), urinary system(EMAPA:17366), metanephros(EMAPA:17366), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)]		EMAPA:16103), ry MAPA:17373), 18),	
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	comy(EMAPA:0), mou 89), organ system(MAPA:16245), urina 66), metanephros(E MAPA:28491), matur	EMAPA:16103), ry MAPA:17373),

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 vascul	ature of oviduct		
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:18984[ovidu	ct]		
Group Parents				
Synonyms	[]			
Primary Path	[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	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 mesen	chyme		
Starts At	TS18	Ends At	TS18	
Primary Parents	EMAPA:17207[metan	ephros]		
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[genit	ourinary 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. Differen	t Order - This co	mponent 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 ejaculato	ry duct		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19088[ejacu	latory 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[clito	ris]		
Group Parents				
Synonyms	[]			
Primary Path	[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				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		(EMAPA:30821)	

Modified Compor	EMAPA:30019	Is Group Term	false	
Name		ayer of renal vein	Taise	
Starts At	TS21	Ends At	TS28	
	EMAPA: 28376[ren		1520	
Primary Parents	EMAPA: 203/0[1en	ai veiii]		
Group Parents				
Synonyms		(EMADA:0)	/ ENADA + 25765 \	
Primary Path	organ system(EM organ(EMAPA:162	my(EMAPA:0), mouse APA:16103), viscera 45), urinary syster A:28376), smooth mu A:30019)]	al m(EMAPA:17366),	
Alternate Paths	organ system(EM organ(EMAPA:162 renal venous sy	atomy(EMAPA:0), mou APA:16103), viscera 45), urinary system stem(EMAPA:31450), 6), smooth muscle [9)]	al m(EMAPA:17366), renal	
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:284 renal vein(EMAPA:28376), smooth muscle layer of renal vein(EMAPA:30019)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:31	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:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:smooth muscle layer of renal vein(EMAPA:300			(EMAPA:16103), ary ein(EMAPA:28376),	
	embryo(EMAPA:16 visceral organ(system(EMAPA:17	atomy(EMAPA:0), mou 039), organ system EMAPA:16245), urina 366), renal vein(EN ayer of renal vein	(EMAPA:16103), ary MAPA:28376),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries;	ent Order - This co Referenced Componer <2 for EMAPA:28376	nt (EMAPA:30019)	

Modified Componer	nt 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	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31219) has order entry <1 for EMAPA:31229>		
	order entries; Re	t Order - This co ferenced Componen 3 for EMAPA:18987	t (EMAPA:31219)

Modified Component 535			
ID	EMAPA:30825	Is Group Term	false
Name	epithelial layer	of crus of clitor	is
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		omy(EMAPA:0), mou A:16103), viscera), reproductive	

Modified Componen	t 535			
	system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), cru 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	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179	[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	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 genitalia(EMAPA: of clitoris(EMAP clitoris(EMAPA: of clitor	tomy(EMAPA:0), mou PA:16103), viscera 5), reproductive 81), female reprod 59), female extern 30984), clitoris(E A:30821), os clito tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 81), female reprod 59), clitoris(EMAP 0821), os clitoris tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro MAPA:16245), repro 81), female reprod 59), female extern	uctive al MAPA:30819), crus ris(EMAPA:30823)] se(EMAPA:25765), EMAPA:16103), ductive uctive A:30819), crus of (EMAPA:30823)] se(EMAPA:25765), EMAPA:16103), ductive uctive	
	of clitoris(EMAP	30984), clitoris(E A:30821), os clito	ris(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>			

Modified Component 537			
Hourred Componer	337		
ID	EMAPA:29790	Is Group Term	false
Name	epithelial compon	ent of bulboureth	ral gland
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbo	urethral gland]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), epithelial component of bulbourethral gland(EMAPA:29790)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen O for EMAPA:19286	t (EMAPA:29790)

Modified Component 538				
ID	EMAPA:30829	Is Group Term	false	
Name	glans clitori	ls	,	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30819[c	clitoris]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA:	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), glans clitoris(EMAPA:30829)]		
Alternate Paths	organ system(organ(EMAPA:1 system(EMAPA: system(EMAPA: genitalia(EMAPA:1	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)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			

Modified Component 538

2. Different Order - This component has no order entries; Referenced Component (EMAPA:30829) has order entry <1 for EMAPA:30819>

[D	EMAPA: 28260	Is Group Term	false	
Vame	parietal ep			
Starts At	TS25	Ends At	TS28	
Primary Parents		[Bowman's capsule]		
Group Parents	EMALA 20257	[DOWINGIT B CAPBATE]		
Synonyms		natomy(EMAPA:0), mo	ugo/EMADA:25765\	
Primary Path	organ system organ(EMAPA metanephros cortex(EMAPA corpuscle(EMAPA capsule(EMANAPA	m(EMAPA:16103), wis :16245), urinary sy (EMAPA:17373), rena A:17952), mature re MAPA:28236), Bowman PA:28257), parietal EMAPA:28260)]	ceral stem(EMAPA:17366), l nal 's	
Alternate Paths	organ system organ(EMAPA metanephros nephron(EMA) corpuscle(ENA) capsule(EMA)			
	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)]			
	embryo(EMAPA visceral org system(EMAPA mature neph corpuscle(EMAPA capsule(EMAPA	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:282367), parietal epithelium(EMAPA:282607)]		
	embryo(EMAPA visceral org system(EMAPA renal cortex corpuscle(EMAPA capsule(EMAPA			
	embryo(EMAPA visceral org system(EMAPA early nephro corpuscle(EMAPA capsule(EMAPA	t anatomy(EMAPA:0), A:16039), organ sys gan(EMAPA:16245), u A:17366), metanephr on GROUP(EMAPA:1795 MAPA:28236), Bowman PA:28257), parietal EMAPA:28260)]	rinary os(EMAPA:17373), 4), mature renal 's	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1. 2. Di	fferent Order - Thi	g gomponent has no	

Modified Component	540	

Modified Component 540				
ID	EMAPA:30827	Is Group Term	false	
Name	mesenchymal layer	of crus of clit	ris	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30821[crus	of clitoris]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1736 system(EMAPA:1795 clitoris(EMAPA:30	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), crus of clitoris(EMAPA:30821), mesenchymal layer of crus of clitoris(EMAPA:30827)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30827) has order entry <1 for EMAPA:30821>			

Modified Component 541			
ID	EMAPA:29798	Is Group Term	false
Name	glandular epithel	ium of anterior p	rostate
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29796[anter	ior prostatic epi	thelium]
Group Parents			
Synonyms	[secretory epithe	lium]	
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), anterior prostate gland(EMAPA:29794), anterior prostatic epithelium(EMAPA:29796), glandular epithelium of anterior prostate(EMAPA:29798)]		
Alternate Paths			EMAPA:16103), ductive tive y (EMAPA:19287),

Modified Componen	t 541			
		ium(EMAPA:29796), erior prostate(EM		
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 Compor			T	
ID	EMAPA:28266	Is Group Term	false	
Name	afferent arteri	afferent arteriole		
Starts At	TS25	Ends At	TS28	
Primary Parents	blood vessels]	al venous system EMAPA:28457[renal ure renal corpuso		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	PA:17373), renal 952), mature rena :28236), afferent	eral cem(EMAPA:17366), al	
Alternate Paths	organ system(EM organ(EMAPA:162	APA:16103), visce 45), urinary syst stem(EMAPA:31450)	cem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162 developing vasc GROUP(JFA:00010	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)]		
	organ system(EM organ(EMAPA:162	APA:16103), visce 45), urinary syst re(EMAPA:28457),	cem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162	APA:16103), visce 45), urinary syst PA:17373), small 1469), afferent	cem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2 corpuscle(EMAPA	stract anatomy(EMAPA:0), mouse(EMAPA:257 system(EMAPA:16103), visceral EMAPA:16245), urinary system(EMAPA:17366 phros(EMAPA:17373), mature n(EMAPA:28491), mature renal cle(EMAPA:28236), afferent ple(EMAPA:28266)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA GROUP(EMAPA:179	APA:16103), visce 45), urinary syst PA:17373), early 54), mature rena :28236), afferent	cem(EMAPA:17366), nephron l	
	embryo(EMAPA:16 visceral organ(039), organ syste EMAPA:16245), uri 366), renal venou 450), afferent	inary	
	8. [Abstract an	atomy(EMAPA:0), r	mouse(EMAPA:25765),	

mbryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245) urinary system(EMAPA:17366), developing vasculature of urinary system (EMAPA:17366), developing vasculature of urinary system (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:16394), organ system(EMAPA:16103), visceral organ(EMAPA:28266)] 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:13469), afferent arteriole(EMAPA:28266)] 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:17373), mature nephron(EMAPA:28266)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:17373), mature nephron(EMAPA:28266)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:17373), mature nephron(EMAPA:28266)] 14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:17373), mature nephron(EMAPA:28266)] 15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:17373), renal cortes/EMAPA:17366), metanephros(EMAPA:17373), renal cortes/EMAPA:17366), metanephros(EMAPA:17373), renal cortes/EMAPA:17360; metanephros(EMAPA:17373), renal cortes/EMAPA:17360), mouse(EMAPA:17373), renal cortes/EMAPA:17360), mouse(EMAPA:17373), early nephron GROUP(EMAPA:17954), urinary system(EMAPA:17360), metanephros(EMAPA:16103), visceral organ(EMAPA:28266)] 18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:28266)] 19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:28266)] 20. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <12 for EMAPA:28266) 23. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <3 for EMAPA:31469> 35. Different Order - This component				
visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system (GROUP(GFA: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:28267), afferent arteriole(EMAPA:28267), afferent arteriole(EMAPA:28267), afferent arteriole(EMAPA:16245), urinary system(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:16245), urinary system(EMAPA:16246), 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:28246), afferent arteriole(EMAPA:28266)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:28266)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:17373), renal cortex(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:28266)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal cortex(EMAPA:28266)] 2. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <2 for EMAPA:282365 4. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <2 for EMAPA:282365 5. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <3 for EMAPA:282365	Modified Componen	ıt 542		
<pre>embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:162451), 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:15737), system(EMAPA:1366), metanephros(EMAPA:17373), mature nephron(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28236) 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:282366) 13. (Abstract anatomy(EMAPA:0), mouse(EMAPA:17373), renal cortex(EMAPA:17366), metanephros(EMAPA:16103), visceral organ(EMAPA:17952), mature renal corpuscle(EMAPA:282366) 13. (Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:17373), system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236) 13. (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:282365 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:31450> 5. 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; Referen</pre>		visceral organ(EN system(EMAPA:1736 urinary system GI vasculature(EMAPA	MAPA:16245), urina 66), developing va ROUP(JFA:0001008), A:28457), afferent	ry sculature of renal
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:28236), afferent arteriole(EMAPA:28236)] 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:28236)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:28236), afferent arteriole(EMAPA:28236), afferent arteriole(EMAPA:28236), afferent arteriole(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle (EMAPA:28236), afferent arteriole(EMAPA:28236), a		embryo(EMAPA:1600 visceral organ(EN system(EMAPA:1736 vasculature(EMAPA	39), organ system(MAPA:16245), urina 66), renal A:28457), afferent	EMAPA:16103), ry
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: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:28236)] 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:28236), afferent arteriole(EMAPA:28236)] 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: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:31450> 5. 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:31450>		embryo(EMAPA:1603 visceral organ(EN system(EMAPA:1736 small blood vesse	39), organ system(MAPA:16245), urina 66), metanephros(E els(EMAPA:31469),	EMAPA:16103), ry MAPA:17373),
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:28236)] 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:28236)] **Rule Status** PASSED** **Edit Status** CHANGED** 1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:28266) has order entry <12 for EMAPA:282457> 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:31450> 5. Different Order - This component has no order entries; Referenced Component (EMAPA:28266)		embryo(EMAPA:1600 visceral organ(EM system(EMAPA:1730 mature nephron(EM corpuscle(EMAPA:2	39), organ system(MAPA:16245), urina 66), metanephros(E MAPA:28491), matur 28236), afferent	EMAPA:16103), ry MAPA:17373),
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 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)		embryo(EMAPA:1600 visceral organ(EN system(EMAPA:1730 renal cortex(EMAPA:200 corpuscle(EMAPA:200	39), organ system(MAPA:16245), urina 66), metanephros(E PA:17952), mature 28236), afferent	EMAPA:16103), ry MAPA:17373),
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)		embryo(EMAPA:1600 visceral organ(EN system(EMAPA:1730 early nephron GRO corpuscle(EMAPA:2	39), organ system(MAPA:16245), urina 66), metanephros(E OUP(EMAPA:17954), 28236), afferent	EMAPA:16103), ry MAPA:17373),
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)	Rule Status	PASSED	Edit Status	CHANGED
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)	Comments	1.		
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)		order entries; Referenced Component (EMAPA: 28266)		
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)		order entries; Re	eferenced Componen	t (EMAPA:28266)
order entries; Referenced Component (EMAPA:28266)		order entries; Re	eferenced Componen	t (EMAPA:28266)
		order entries; Re	eferenced Componen	t (EMAPA:28266)

Modified Componen	t 543			
ID	EMAPA:29796	Is Group Term	false	
Name	anterior prostati	c epithelium		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29794[anter	EMAPA:29794[anterior prostate gland]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	(EMAPA:0), mouse(1 A:16103), visceral), reproductive 1), male reproduct 8), male accessory), prostate gland	l tive Y	

Modified Componen	t 543		
	anterior prostate prostatic epithel	gland(EMAPA:2979ium(EMAPA:29796)]	4), anterior
Alternate 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 Componen	t 544		
ID	EMAPA:17211	Is Group Term	false
Name	urogenital sinus		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:16367[genit	ourinary 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 Componer	t 545		
ID	EMAPA:28269	Is Group Term	false
Name	part of afferent juxtaglomerular o	arteriole forming	the
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30449[juxta EMAPA:28266[affer	glomerular comple ent arteriole]	x]
Group Parents			
Synonyms	[renin-producing	cell]	
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), afferent arteriole(EMAPA:28266), part of afferent arteriole forming the juxtaglomerular complex(EMAPA:28269)]		

- 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(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 Componen	t 545		
	system(EMAPA:1736 mature nephron(EM corpuscle(EMAPA:2 arteriole(EMAPA:2 forming the juxta 13. [Abstract and embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAPA:304 complex(EMAPA:304	MAPA:16245), urina: 56), metanephros(EI MAPA:28491), mature 28236), afferent 28266), part of af: actomy(EMAPA:0), mon 39), organ system(I MAPA:16245), urina: 56), metanephros(EI PA:17952), juxtagle 149), part of affe; acqlomerular comple:	MAPA:17373), e renal ferent arteriole x(EMAPA:28269)] use(EMAPA:25765), EMAPA:16103), ry MAPA:17373), omerular rent arteriole
	14. [Abstract and embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAPA:2 arteriole(EMAPA:2	atomy(EMAPA:0), mon 39), organ system(1 MAPA:16245), urina: 56), metanephros(E PA:17952), mature	use(EMAPA:25765), EMAPA:16103), ry MAPA:17373), renal ferent arteriole
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRO corpuscle(EMAPA:2 arteriole(EMAPA:2	atomy(EMAPA:0), mon 39), organ system(1 MAPA:16245), urina: 56), metanephros(El DUP(EMAPA:17954), m 28236), afferent 28266), part of afinasionerular comple	EMAPA:16103), ry MAPA:17373), mature renal ferent arteriole
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>		t (EMAPA:28269)

Modified Componen	t 546		
ID	EMAPA:17212	Is Group Term	false
Name	urorectal septum		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16367[genit	ourinary 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 Componen	t 547		
ID	EMAPA:29794	Is Group Term	false
Name	anterior prostate	gland	

Modified Componen	t 547			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19287[prost	ate gland]		
Group Parents				
Synonyms	[coagulating glan	d]		
Primary Path	[Abstract 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>			

ID	EMAPA:28263	Is Group Term	false	
Name	urinary space o	of renal corpuscl	е	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA: 28257 [Bow	man's capsule]	·	
Group Parents				
Synonyms	[Bowman's space	2]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17 corpuscle(EMAPA capsule(EMAPA: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), 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: organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17 metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257), urinary space of rena corpuscle(EMAPA:28263)]			
	<pre>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)]</pre>			
	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.			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:28257	t (EMAPA:28263)	

Modified Component 549				
ID	EMAPA:17210	Is Group Term	false	
Name	urogenital membra	ne		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:16367[genit	ourinary 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 b	ulbourethral glan	d
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19286[bulbo	urethral 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	visceral organ(EM	9), organ system(EMAPA:16103), ductive

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.	1.		
	order entries; Re	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 vascul	leveloping 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	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 part of vagina(EM	(EMAPA:0), mouse(A:16103), viscera), reproductive 1), female reprod 9), vagina(EMAPA: APA:18999), devel vagina(EMAPA:3122	l uctive 18986), lower oping vasculature	
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.			
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:31229	t (EMAPA:31224)	
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:18999	t (EMAPA:31224)	

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 Compor	nent 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 mesang	ium		
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 organ system(EMAPA organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:17952 corpuscle(EMAPA:28239) mesangium(EMAPA:28	A:16103), visceral), urinary system(:17373), renal 2), mature renal 8236), glomerular , glomerular	L	
Alternate Paths	1. [Abstract anato organ system(EMAPA organ(EMAPA:16245 metanephros(EMAPA group(EMAPA:28518 mesangium(EMAPA:28	A:16103), visceral), urinary system(:17373), renal int), glomerular	L (EMAPA:17366),	
	2. [Abstract anatorian system(EMAPA organ (EMAPA:16245 metanephros(EMAPA nephron(EMAPA:2849 corpuscle(EMAPA:28239) mesangium(EMAPA:28239)	A:16103), visceral), urinary system(:17373), mature 91), mature renal 8236), glomerular , glomerular	L	
	3. [Abstract anatorian system(EMAPA organ (EMAPA:16245 metanephros(EMAPA GROUP(EMAPA:17954 corpuscle(EMAPA:28239) mesangium(EMAPA:28	A:16103), visceral), urinary system(:17373), early neg), mature renal 8236), glomerular , glomerular	L (EMAPA:17366),	
	4. [Abstract anatolembryo(EMAPA:1603] visceral organ(EMAPA:17366] renal interstitiumesangium(EMAPA:28	9), organ system(F APA:16245), urinar 6), metanephros(EN m group(EMAPA:2851	EMAPA:16103), Cy MAPA:17373),	
	5. [Abstract anatolembryo(EMAPA:1603] visceral organ(EMAPA:17366] mature nephron(EMAPA:28] tuft(EMAPA:28239) mesangium(EMAPA:28	9), organ system(FAPA:16245), urinar 6), metanephros(ENAPA:28491), mature 8236), glomerular , glomerular	EMAPA:16103), ry MAPA:17373),	
	6. [Abstract anatolembryo(EMAPA:16039] visceral organ(EMAPA:17366] renal cortex(EMAPA:00000000000000000000000000000000000	9), organ system(F APA:16245), urinar 6), metanephros(EN A:17952), mature r 8236), glomerular , glomerular	EMAPA:16103), Cy MAPA:17373),	
	7. [Abstract anatolembryo(EMAPA:16039] visceral organ(EMAPA:17366] early nephron GROU corpuscle(EMAPA:28 tuft(EMAPA:28239) mesangium(EMAPA:28	9), organ system(F APA:16245), urinar 6), metanephros(EN UP(EMAPA:17954), m 8236), glomerular , glomerular	EMAPA:16103), ry MAPA:17373),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	2. Different order entries; Ret has order entry <		(EMAPA: 28248)	
	3. Different order entries; Ret has order entry <	t Order - This con ferenced Component 4 for EMAPA:28518;	(EMAPA: 28248)	

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	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	31), female reprod 59), clitoris(EMAF 829), surface epi	uluctive PA:30819), glans
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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3	comy(EMAPA:0), mou 19), organ system(1APA:16245), reprodu 11), female reprodu 19), female extern 10984), clitoris(E 1APA:30829), surfa 1APA:30831)]	EMAPA:16103), ductive luctive al MAPA:30819),
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.	-	
	order entries; Re	nt Order - This co eferenced Componer of for EMAPA:30829	nt (EMAPA:30831)

Modified Component 555				
ID	EMAPA:30833	Is Group Term	false	
Name	mesenchymal layer	of glans clitori	S	
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)]			
		omy(EMAPA:0), mou 9), organ system(

Modified Component 555			
	<pre>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)]</pre>		
	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 Componer	nt 556		
ID COMPONE	EMAPA:30835	Is Group Term	false
Name	vasculature of cl	itoris	JL
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30819[clito	oris]	
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	r(EMAPA:0), mouse(PA:16103), viscera b), reproductive g1), female reprod g9), clitoris(EMAP itoris(EMAPA:3083	l uctive A:30819),
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819), 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.		
	order entries; Re	nt Order - This co eferenced Componen 22 for EMAPA:30819	t (EMAPA:30835)

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[vagin	ıa]	
Synonyms	[]		
Primary Path	[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		CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31229) has order entry <6 for EMAPA:18986>		

ID	EMAPA:30837	Is Group Term	false	
Name	labia			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:17959[fe EMAPA:30984[fe	male reproductive male external gen	system] italia]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(Eorgan(EMAPA:16	omy(EMAPA:0), mou MAPA:16103), visc 245), reproductiv 7381), female rep 7959), labia(EMAP	eral e roductive	
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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1	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.			
	order entries;	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			
ID	EMAPA:30839	Is Group Term	false
Name	epithelial layer	of labia	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30837[labia	.]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labia(EMAPA:30837), epithelial layer of labia(EMAPA:30839)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen 0 for EMAPA:30837	t (EMAPA:30839)

Modified Component 560			
ID	EMAPA: 28257	Is Group Term	false
Name	Bowman's capsule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28236[matur	e renal corpuscle]
Group Parents			
Synonyms	[glomerular capsu	ıle]	
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), Bowman's capsule(EMAPA:28257)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal		

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 du	ct
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19088[ejacu	latory 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]		

Madisiad Camara	- 560		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal 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 duc	tus deferens		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:18681[ductu	us 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:285767)] 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 reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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[semin	al 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 sem	inal vesicle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19180[semin	al 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 s	eminal 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	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17	atomy(EMAPA:0), mou 039), organ system(EMAPA:16245), repro 381), male reproduc 968), seminal vesic seminal vesicle(EM	EMAPA:16103), ductive tive le(EMAPA:19180),	
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 vascul	ature of caput ep	ididymis	
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:19291[caput EMAPA:31235[devel epididymis]	epididymis] oping vasculature	system of	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), 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[uteri	ne 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>			

ID	EMAPA: 29755	Is Group Term	false		
Name	epithelium of	corpus epididymis	3		
Starts At	TS24	Ends At	TS28		
Primary Parents		ithelium of epidi rpus epididymis]	dymis]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 corpus epididy	[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:2576 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), epitheli 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 c	orpus of epididym	is	
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:19293[corpu layer of epididym	s epididymis] EMA	PA:30447[muscle	
Group Parents				
Synonyms	[]			
Primary Path	[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:2975' has order entry <1 for EMAPA:19293> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:2975' has order entry <1 for EMAPA:30447>			

Modified Component 573				
ID	EMAPA:29759	Is Group Term	false	
Name	adventitia of cor	pus 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:1796 corpus epididymis	31), male reproduc 58), epididymis(EM s(EMAPA:19293), ad mis(EMAPA:29759)]	APA:19290),	
Alternate Paths	se(EMAPA:25765), l tive APA:19290), 43), adventitia 9)]			
	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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 corpus epididymis	comy(EMAPA:0), mous 39), organ system(1 MAPA:16245), reprod 31), male reproduc 58), epididymis(EM s(EMAPA:19293), ad mis(EMAPA:29759)]	EMAPA:16103), ductive tive APA:19290),	
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>			
	order entries; Re	nt Order - This co eferenced Componen 2 for EMAPA:19293	t (EMAPA:29759)	

Modified Component 574			
ID	EMAPA:29761	Is Group Term	false
Name	epithelium of cap	out of epididymis	
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30445[epith EMAPA:19291[caput	elium of epididym epididymis]	is]
Group Parents			
Synonyms	[]		
Primary Path	[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:17381), male reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), 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>			
	order entries; Re	t Order - This conferenced Component 0 for EMAPA:30445	t (EMAPA:29761)	

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 layer of epididym	epididymis] EMAP. nis]	A:30447[muscle	
Group Parents				
Synonyms	[]			
Primary Path	[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 Componer	nt 576			
	EMAPA:30443[adver	ntitia of epididym	is]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	31), male reproduc 58), epididymis(EM 519291), adventiti	l tive APA:19290), caput	
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[effer	ent duct of semina	al 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				
ID	EMAPA:29747	Is Group Term	false	
Name	epithelial layer	of efferent duct		
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:18993[effer	ent duct of semina	al 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), epithelial layer of efferent duct(EMAPA:29747)]			
Alternate 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), epithelial layer of efferent duct(EMAPA:29747)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29747) has order entry <0 for EMAPA:18993>			

Modified Component 579				
ID	EMAPA:29745	Is Group Term	false	
Name	septum of scrotum			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:19296[scrot	um]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296), septum of scrotum(EMAPA:29745)]			

Modified Component 579				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		(EMAPA:29745)	

Modified Component 580			
ID	EMAPA:29753	Is Group Term	false
Name	adventitia of cau	da of epididymis	
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:30443[adven EMAPA:19292[cauda	titia of epididym epididymis]	is]
Group Parents			
Synonyms	[]		
Primary Path	[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:2975) has order entry <2 for EMAPA:19292> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:2975) has order entry <2 for EMAPA:30443>		

Modified Component 581			
ID	EMAPA:29751	Is Group Term	false
Name	muscle layer of c	auda of epididymis	5
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(1	EMAPA:25765),

Wadified Campanan	F 501			
Modified Componer				
	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[epide	rmal layer of scr	otum]	
Group Parents				
Synonyms	[]			
Primary Path	[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)]			
		omy(EMAPA:0), mou 9), organ system(

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.	1.		
	order entries; Re	nt Order - This conferenced Componen 21 for EMAPA: 29733	t (EMAPA:29737)	

odified Component 583			
ID	EMAPA:29739	Is Group Term	false
Name	dermal layer of scrotum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrot	um]	
Group Parents			
Synonyms	[]		
Primary Path	[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 o	f scrotum	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:19296[scrotum]		
Group Parents			
Synonyms	[1]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Componen	t 584			
		8), scrotum(EMAPA of scrotum(EMAPA:2		
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 Compor	Modified Component 585				
ID	EMAPA: 29735	Is Group Term	false		
Name	basal layer				
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:29733[ep	oidermal layer of	scrotum]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 epidermal laye	[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	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 genitalia(EMAP epidermal laye	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>

	odified Component 586				
ID	EMAPA:29741	Is Group Term	false		
Name	hair follicle	hair follicle			
Starts At	TS28	Ends At	TS28		
Primary Parents	EMAPA:29739[de	rmal layer of scr	otum]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 layer of scrot	[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	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 genitalia(EMAP dermal layer o	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:1639), 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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 genitalia(EMAP dermal layer o				
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 layer of scrot	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.				
	order entries;	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[derma	l layer of scrotu	m]
Group Parents			
Synonyms	[]		
Primary Path	[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 anat	omy(EMAPA:0), mou	se(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>			

ID	EMAPA:28245	Is Group Term	false	
Name	glomerular capil	glomerular capillary system		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28239[glor	nerular tuft] EMAPA APA:28457[renal vas		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:179 cortex(EMAPA:179 corpuscle(EMAPA: tuft(EMAPA:28239	[Abstract anatomy(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)]			
	organ system(EMA organ(EMAPA:1624 renal vasculatur	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)]		
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP vessels(EMAPA:33			
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP capillaries(EMAP	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 Compor	ent 589			
ID	EMAPA:28239	Is Group Term	false	
Name	glomerular tuft	glomerular tuft		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28236[mat	ure renal corpus	cle]	
Group Parents				
Synonyms	[glomerulus]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMAPA:17 cortex(EMAPA:17	APA:17373), renal 1952), mature rena 1:28236), glomeru	eral tem(EMAPA:17366), al	
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMAPA:2 nephron(EMAPA:2 corpuscle(EMAPA	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)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 mature nephron(corpuscle(EMAPA	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	order entries;		component has no nent (EMAPA:28239) 236>	

Modified Component 590				
ID	EMAPA:28230	Is Group Term	false	

Modified Compor	nent 590		
Name	afferent arteriole		
Starts At	TS25 Ends At TS27		
Primary Parents	EMAPA:27991[juxtaglomerular arteriole]		
Group Parents			
Synonyms	[1]		
Primary 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)]		

			1
Modified Componen	t 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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAF		EMAPA:16103), ry MAPA:17373), g renal
	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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP nephron(EMAPA:284		EMAPA:16103), ry MAPA:17373), g al
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRO		EMAPA:16103), ry MAPA:17373), maturing renal
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This con ferenced Componen of for EMAPA: 27991	t (EMAPA:28230)

Modified Component 591				
ID	EMAPA:28233	Is Group Term	false	
Name	efferent arteriol	е		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:27991[juxta	glomerular arterio	ole]	
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	organ system(EMAP organ(EMAPA:16245 developing vascul GROUP(JFA:0001008	omy(EMAPA:0), mous A:16103), visceral), urinary system ature of urinary s), renal vasculaturteriole(EMAPA:27	l (EMAPA:17366), system ure(EMAPA:28457),	

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 Compor		1		
ID	EMAPA: 28236	Is Group Term	false	
Name	mature renal co	rpuscle		
Starts At	TS25	Ends At	TS28	
Primary Parents		ly nephron GROUP 8491[mature neph] EMAPA:17952[renal ron]	
Group Parents				
Synonyms	[Malpighian cor	puscle]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA	PA:17373), renal 952), mature ren	eral tem(EMAPA:17366),	
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2	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)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA GROUP(EMAPA:179			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 mature nephron(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:embryo(EMAPA:16039), organ system(EMAPA:1610) visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:1737) renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236)]		em(EMAPA:16103), inary s(EMAPA:17373),	
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 embryo(EMAPA:16039), organ system(EMAPA:1610 visceral organ(EMAPA:16245), urinary			em(EMAPA:16103),	

Modified Component 592				
	early nephron GRO	system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236)]		
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	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>		
	order entries; Re			
	order entries; Re	nt Order - This co eferenced Componen <5 for EMAPA:17952	t (EMAPA:28236)	

Modified Compor	nent 593			
ID	EMAPA:28221	Is Group Term	false	
Name	arcuate vein	arcuate vein		
Starts At	TS25	Ends At	TS28	
Primary Parents	cortical venou	rge blood vessels s system] EMAPA:2 MAPA:31450[renal		
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 vasculature(EM	comy(EMAPA:0), mou MAPA:16103), visc 245), urinary sys IAPA:17373), renal .7952), renal cort IAPA:28142), renal 28152), arcuate ve	eral tem(EMAPA:17366), ical cortical venous	
Alternate Paths	organ system(E	natomy(EMAPA:0), MAPA:16103), larg 31464), arcuate v		
	2. [Abstract anatomy(EMAPA:0), mouse(EMA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA renal venous system(EMAPA:31450), arcuat vein(EMAPA:28221)]		eral tem(EMAPA:17366),	
	organ system(E organ(EMAPA:16 developing vas	MAPA:16103), visc 5245), urinary sys sculature of urina .008), renal vascu	tem(EMAPA:17366),	
	4. [Abstract anatomy(EMAPA:0), mouse(EMA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)]		eral tem(EMAPA:17366),	
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:257 embryo(EMAPA:16039), organ system(EMAPA:16103) large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1	natomy(EMAPA:0), .6039), organ syst (EMAPA:16245), ur .7366), renal veno !1450), arcuate ve	inary us	
	embryo(EMAPA:1 visceral orgar system(EMAPA:1 urinary system	.6039), organ syst (EMAPA:16245), ur .7366), developing GROUP(JFA:000100 IAPA:28457), arcua	<pre>inary vasculature of 8), renal</pre>	

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>			
	order entries; Re	t Order - This conferenced Componen 2 for EMAPA:31450	t (EMAPA:28221)	

ID	EMAPA:28218	Is Group Term	false	
Name	interlobular ve	interlobular vein		
Starts At	TS25	Ends At	TS28	
Primary Parents	vasculature] EN	rge blood vessels] MAPA:31450[renal v nal cortical venou		
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)]		blood	
	organ system(ENorgan(EMAPA:162 renal venous sy	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)]		
	organ system(EN organ(EMAPA:162 developing vaso GROUP(JFA:00010			
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:12renal vasculature(EMAPA:28457), interlobulatein(EMAPA:28218)]		eral .em(EMAPA:17366),		
	embryo(EMAPA:16	5039), organ syste ssels(EMAPA:31464)		

Modified Componer	nt 594			
	<pre>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)]</pre>			
	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>			
	order entries; R	nt Order - This co eferenced Componen <13 for EMAPA:2845	t (EMAPA:28218)	

Modified Component 595			
ID	EMAPA:28215	Is Group Term	false
Name	arcuate artery		
Starts At	TS25	Ends At	TS28
Primary Parents	cortical arterial	blood vessels] E system] EMAPA:28 A:31436[renal art	457[renal
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)]		
	organ system(EMAP organ(EMAPA:16245	omy(EMAPA:0), mou A:16103), viscera), urinary system ature of urinary	l (EMAPA:17366),

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 arte	ry	
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:31464[large blood vessels] EMAPA:28457[renal vasculature] EMAPA:28147[renal cortical 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 anat	omy(EMAPA:0), mous	se(EMAPA:25765),

Modified Component 596 organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular lartery(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)] [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)] [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)] [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)] [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 1. Comments 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> 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			
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAF		1
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	nt Order - This co ferenced Componen 1 for EMAPA:17379	t (EMAPA:30891)

Modified Component 598			
ID	EMAPA:30895	Is Group Term	false
Name	caudal urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[ureth	ıra]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:30891	t (EMAPA:30895)

Modified Component 599			
ID	EMAPA:30893	Is Group Term	false
Name	pelvic urethra		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:30891[ureth	ra]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), pelvic urethra(EMAPA:30893)]		

Modified Component 599				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		(EMAPA:30893)	

Modified Component 600				
ID	EMAPA:30899	Is Group Term	false	
Name	urethral fold			
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:30891[ureth	ıra]		
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[ureth	ra]		
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.			
	order entries; Re	t Order - This conferenced Componen 2 for EMAPA:30891	t (EMAPA:30897)	

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[testi	s]		
Group Parents				
Synonyms	[]			
Primary Path	[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 urogen	ital sinus	
Starts At	TS20	Ends At	TS20	
Primary Parents	EMAPA:30879[rest	of urogenital sin	us]	
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 vascul	ature of corpus e	pididymis	
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 uroge	nital sinus	
Starts At	TS20	Ends At	TS20	
Primary Parents	EMAPA:30879[rest	of urogenital sin	us]	
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[urina	ry 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>			

-11					
Modified Compor	EMAPA:31194	Is Group Term	false		
Name		sculature of cauda	a epididymis		
Starts At	TS24	Ends At	TS27		
Primary Parents		auda epididymis] eveloping vasculat	ture system of		
Group Parents					
Synonyms	[]				
Primary Path	organ system(Forgan(EMAPA:16 system(EMAPA:16 system(EMAPA:16 epididymis(EMAPA:16	[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	organ system(I organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 developing vas epididymis(EMA	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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 developing vas epididymis(EMA	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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 epididymis(EMA	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.	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[genit	ourinary 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 vascul	ature of ductus d	eferens	
Starts At	TS23	Ends At	TS27	
Primary Parents	EMAPA:18681[ductu	ıs 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.			
	order entries; Re	t Order - This cor ferenced Component 4 for EMAPA:18681:	(EMAPA:31188)	

Modified Component 610				
ID	EMAPA:16578	Is Group Term	false	
Name	primordial germ c	ells		
Starts At	TS14	Ends At	TS15	
Primary Parents	EMAPA:16367[genit	ourinary 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 syste	em]	
Group Parents				
Synonyms	[vesicular semina	lis]		
Primary Path	[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					
Starts At	TS14 Ends At TS14				
Primary Parents	EMAPA:16367[genit	ourinary system]			
Group Parents					
Synonyms	[]				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), pronephros(EMAPA:16579)]				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), pronephros(EMAPA:16579)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16579) has order entry <3 for EMAPA:16367>				

Modified Component 613				
ID	EMAPA:31182	Is Group Term	false	
Name	developing vascul	ature of epididym	is	
Starts At	TS23 Ends At TS27			
Primary Parents	EMAPA:19290[epidi	dymis]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature of epididymis(EMAPA:31182)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31182) has order entry <5 for EMAPA:19290>			

Modified Component 614				
ID	EMAPA:16576 Is Group Term false			
Name	associated mesenc	hyme		
Starts At	TS14	Ends At	TS18	
Primary Parents	EMAPA:16367[genit	ourinary system]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), associated mesenchyme(EMAPA:16576)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary			

Γ

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[genit	al tubercle of fe	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), 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:17381), 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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3	comy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 31), female reprod 39), female extern 30984), genital tu 30), crus of clito	EMAPA:16103), ductive uctive al bercle of	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	order entries; Re	nt Order - This co eferenced Componen 6 for EMAPA:18680	t (EMAPA:19169)	

Modified Component 616				
ID	EMAPA:30850	Is Group Term	false	

Modified Component 616					
Name	ureteral vasculature				
Starts At	TS20		Ends At		TS28
Primary Parents			oping vascu APA:17950[ur		of urinary
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]				

ID	EMAPA:30841	Is Group Term	false	
Name	mesenchymal laye:			
Starts At	TS28			
Primary Parents	EMAPA:30837[labia	a]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA) organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179	[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			
Alternate 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 la	bia		
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 interstit	ium of the testis		
Starts At	TS20 Ends At TS28			
Primary Parents	EMAPA:18687[inter	stitium of the te	stis]	
Group Parents				
Synonyms	[non-specific mes	enchyme]		
Primary Path	[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	EMAPA:19175 Is Group Term false				
Name	fetal Leydig cell					
Starts At	TS20	Ends At	TS27			
Primary Parents	EMAPA:18687[inter	stitium of the te	stis]			
Group Parents						
Synonyms	[]					
Primary Path	[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			
Name	external			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:19172[ingui	nal 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[ingui	nal 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[femal	e reproductive sys	stem]
Group Parents			
Synonyms	[]		
Primary Path	[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.		
	order entries; Re	t Order - This co ferenced Componen 18 for EMAPA:1795	t (EMAPA:19172)

Modified Component 627				
ID	EMAPA:19171	Is Group Term	false	
Name	inguinal canal			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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 clitoris		
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 urogenita	l sinus	
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:17379[uroge	nital 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 ID	EMAPA:30876	Is Group Term	false
Name	mesenchymal layer	of primitive bla	dder
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primi	tive 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 blade	der
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:30870[primi	tive 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.		
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:30870	t (EMAPA:30873)

Modified Component 632				
ID	EMAPA:30870	Is Group Term	false	
	Ĭ			

Modified Component 632				
Name	primitive bladder			
Starts At	TS20 Ends At TS21			
Primary Parents	EMAPA:17379[uroge	nital sinus]		
Group Parents				
Synonyms	[cranial urogenit	al 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[ureth	ra 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[muscu	laris mucosa of b	ladder]
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	embryo(EMAPA:1603 visceral organ(EM		EMAPA:16103), ry :18321), :28619),	
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[penil	e 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 res	t of nephric duct	of female	
Starts At	TS21	Ends At	TS23	
Primary Parents	EMAPA:28945[nephr	ic 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[ureth	ra 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 f	emale, rest of		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]	
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[seros	a 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, segm	ent 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 o	uter 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 ar	terial system		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28142[renal	cortical vascula	ture]	
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 va	sculature		
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 t	ubule		
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[penil	e 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				
ID	EMAPA:30952	Is Group Term	false	
Name	epithelial layer			
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:30942[prost	atic urethra]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), epithelial layer(EMAPA:30952)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30952) has order entry <0 for EMAPA:30942>			

Modified Component 647				
ID	EMAPA:30954	Is Group Term	false	
Name	mesenchymal layer			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30942[prost	atic urethra]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), mesenchymal layer(EMAPA:30954)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30954) has order entry <1 for EMAPA:30942>			

Modified Component 648			
ID	EMAPA:30956	Is Group Term	false
Name	muscle layer		
Starts At	TS28	Ends At	TS28

Modified Component 648				
Primary Parents	EMAPA:30942[prost	atic 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 res female	t of paramesoneph	ric duct of	
Starts At	TS21	Ends At	TS23	
Primary Parents	EMAPA:28940[paramof]	esonephric duct o	f female, rest	
Group Parents				
Synonyms	[]			
Primary Path	[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>			

ID	EMAPA:30123	Is Group Term	false	
Name	detrusor muscle o	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 convolu	ted tubulel
Group Parents		1	
Synonyms	[]		
Primary 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: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), 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 anat	omy(EMAPA:0), mou	se(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), 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)!
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- 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: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), 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)]
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- 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

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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:16103), 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 tubulo(EMAPA:28281), renal proximal
                            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), ortical 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)]
                            PASSED
                                                         Edit Status
                                                                                      CHANGED
Rule Status
Comments
                            2. Different Order - This component has no order entries; Referenced Component (EMAPA:29657)
                            has order entry <0 for EMAPA: 28287>
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Modified Component 652				
ID	EMAPA: 28953			
Name	mesenchyme of rest of nephric duct of female			
Starts At	TS21 Ends At TS23			

Modified Componen	t 652		
Primary Parents	EMAPA: 28945 [nephi	ric 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[penil	e 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 prox	imal 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) 1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), Alternate Paths 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)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephron(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)] [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 tubulo of 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)] [Abstract anatomy(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: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

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)]
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- 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 Componen	t 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 res female	t of paramesoneph	ric duct of
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:28940[paramof]	esonephric duct o	f female, rest
Group Parents			
Synonyms	[]		
Primary Path	[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.		
		t Order - This co ferenced Componen 1 for EMAPA:28940	t (EMAPA:28961)

Modified Component 656				
ID	EMAPA:28136	Is Group Term	false	
Name	renal cortical interstitium			
Starts At	TS22	Ends At	TS28	

Modified Compone	nt 656			
Primary Parents	EMAPA:17952[renal cortex] EMAPA:28518[renal interstitium group]			
Group Parents				
Synonyms	[cortical stroma]			
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA	(2), renal cortica	nl n(EMAPA:17366),	
Alternate Paths	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA group(EMAPA:28518	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 o	uter 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: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 1	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>		

Wadified Commons	(50		
Modified Componer	EMAPA: 28130	Is Group Term	false
Name	cortical collecti	JL	Tarse
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:17952[renal trunk]	cortex] EMAPA:28	494[ureteric
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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	comy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 56), metanephros(E EMAPA:28407), uret	EMAPA:16103), ry MAPA:17373),

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>		
	order entries; Re	nt Order - This con eferenced Componen 77 for EMAPA:17952	t (EMAPA:28130)

ID	EMAPA:29661	Is Group Term	false	
Name	renal proximal	renal proximal straight tubule		
Starts At	TS28	TS28 Ends At TS28		
Primary Parents	EMAPA:28281[re	enal proximal tubu	le]	
Group Parents				
Synonyms	[pars recta, s	segment 3 of proxi	mal tubule]	
Primary Path	organ system(I organ(EMAPA:16 metanephros(EM cortex(EMAPA:16 tubule(EMAPA:1	comy(EMAPA:0), mou EMAPA:16103), visc 5245), urinary sys MAPA:17373), renal 17952), cortical r 18976), renal prox 28281), renal prox 29661)]	eral tem(EMAPA:17366), enal imal	
Alternate 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)]		eral tem(EMAPA:17366), e renal imal	
	organ system(I organ(EMAPA:16 metanephros(EN nephron(EMAPA: tubule(EMAPA:1 tubule(EMAPA:1	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:28241), 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:2828661)]		
	organ system(Forgan(EMAPA:16 metanephros(EMCOCKEMAPA:16 stage nephron tubule(EMAPA:16 tubule(E			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576] 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 proximubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		eral tem(EMAPA:17366), e(EMAPA:28527), 76), renal proximal	
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),			

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[phall	ic urethra of fema	ale]
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 me	sonephros		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:28909[meson	ephros 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 Componer	EMAPA: 28924	Ta Grane Mare	false
ID	1	Is Group Term	
Name	nephric duct of f	emale, mesonephri	c portion
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:28909[meson	ephros of female]	
Group Parents			
Synonyms	[mesonephric duct Wolffian duct of	of female, meson female]	ephric portion,
Primary Path	[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>		

f				
Modified Component 664				
ID	EMAPA:29693	Is Group Term	false	
Name	epithelium of cau	da of epididymis		
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:19292[cauda EMAPA:30445[epith	epididymis] elium of epididym	is]	
Group Parents				
Synonyms	[]			
Primary Path	[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	
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>		

ID	EMAPA: 28167	Is Group Term false		
Name		y venous system		
Starts At	TS23	Ends At TS28		
Primary Parents	EMAPA:31450[reblood vessels]	nal venous system] EMAPA:31 EMAPA:28157[renal medullar	469[small Y	
Group Parents				
Synonyms	[]			
Primary Path	organ system(Eorgan(EMAPA:16 metanephros(EM medulla(EMAPA: vasculature(EM	[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	organ system(E organ(EMAPA:16 renal venous s	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 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venousystem(EMAPA:28167)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:3	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769] 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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1	natomy(EMAPA:0), mouse(EMAP 6039), organ system(EMAPA:1 (EMAPA:16245), urinary 7366), metanephros(EMAPA:17 ssels(EMAPA:31469), renal m EMAPA:28167)]	6103), 373),	
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal medulla(vasculature(EM	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 CHANGE	D	
Comments	1.			
	order entries; has order entr	order entries; Referenced Component (EMAPA:28167 has order entry <1 for EMAPA:28157>		
	order entries; has order entr	Referenced Component (EMAP y <5 for EMAPA:31450>	A:28167)	
l	order entries;	rent Order - This component Referenced Component (EMAP y <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[urina	ry 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[phall	ic urethra of fem	ale]
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 a	rterial 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(ЕМАРА: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 ureth	ra of female
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phall	ic urethra of fema	ale]
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 fema	ale(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	a of female	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:30917[phall	ic urethra of fema	ale]	
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 nec	k		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28826[adven	titia 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 1	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 Componen	nt 673			
ID	EMAPA:28937	Is Group Term	false	
Name	paramesonephric d	uct of female, me	sonephric portion	
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:28909[meson	ephros of female]		
Group Parents				
Synonyms	[Mllerian duct of	female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28937) has order entry <5 for EMAPA:28909>			
	3. Differen EMAPA:28937 has s	t Synonyms - Refe ynonyms [Mülleria	renced Component n 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[meson	ephros 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			
			1 -
ID	EMAPA:29681	Is Group Term	false
Name	thin descending l	imb	
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 ve	nous system	
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28142[renal	cortical vascula	ture]
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 straig	ht tubule
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29679[loop	of Henle]	
Group Parents			
Synonyms	[thick ascending limb]		
Primary Path	[thick ascending limb] [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(E	MAPA: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.			
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:29679	t (EMAPA:29683)	

Modified Component 679			
ID	EMAPA:28940	Is Group Term	false
Name	paramesonephric d	uct of female, re	st of
Starts At	TS20	Ends At	TS23
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]
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 v	asculature	
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	embryo(EMAPA:1603	omy(EMAPA:0), mou: 9), organ system(] APA:16245), urina:	EMAPA:16103),

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 p	hallic urethra of	female
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[phall	ic urethra of fema	ale]
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 epitheliu	m of female
Starts At	TS20	Ends At	TS20
Primary Parents	EMAPA:18680[genit	al tubercle of fe	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), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle surface epithelium of female(EMAPA:29626)]		
Alternate Paths	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 structure(EMAPA:2 female(EMAPA:1868 epithelium of fem 2. [Abstract anat organ system(EMAP organ(EMAPA:16245	1), female reprodu 9), female associa 8540), genital tuber 0), genital tuber ale(EMAPA:29626)] omy(EMAPA:0), mous A:16103), visceral	l dictive ated reproductive percle of cle surface

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[ureth	ra]	
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[urina	ry 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 urethr	a	
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:30903[pelvi	c 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[pelvi	c 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 p	elvic urethra		
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:30903[pelvi	c 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 longitudina	l muscle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:28844[urete	ral 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					
ID	EMAPA:29631	Is Group Term	false		
Name	vasculature of th	e ovary			
Starts At	TS28	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[ureth	ra]		
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 Compor	ent 691				
	urethral pla	te of phallic uret	hra(EMAPA:30913)]		
Alternate Paths	embryo(EMAPA visceral org system(EMAPA urethra(EMAF	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.	1.			
	order entrie	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[phall	ic 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 o	f female		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28747[ureth	ra 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)			

has order entry <1 for EMAPA:28747>

Modified Compor		1	1			
ID	EMAPA:29621	Is Group Term	false			
Name	genital tubercl	e mesenchyme of	female			
Starts At	TS20	Ends At	TS20			
Primary Parents	EMAPA:18680[gen	ital tubercle of	female]			
Group Parents						
Synonyms	[]					
Primary Path	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 female(EMAPA:18	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]				
Alternate Paths	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 structure(EMAPA female(EMAPA:18	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:17389), 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:18680), genital tubercle 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:17381), female reproductive system(EMAPA:17381), female associated reproductive system(EMAPA:17381), female associated reproductive system(EMAPA:28540), genital tubercle of female(EMAPA:28540), genital tubercle mesenchyme of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]					
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 genitalia(EMAPA	039), organ syst EMAPA:16245), re 381), female rep 959), female ext :30984), genital 680), genital tu	productive cernal			
Rule Status	PASSED	Edit Status	CHANGED			
Comments	1.					
	2. Different End Stage - Referenced Componer 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				
ID	EMAPA:28965	Is Group Term	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 gla	nd		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:18692[ureth	ra 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				
		21), lamina propri 88), lamina propri		
Alternate 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 c	ell		
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[inter	stitium of the te	stis]	
Group Parents				
Synonyms	[]			
Primary Path	[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 g	land		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:28747[ureth	ra 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 mu	scle		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:28844[urete	ral 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>			

Modified Component 702				
ID	EMAPA:29637	Is Group Term	false	
Name	median umbilical	ligament		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:17366[urina	ry 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 Componen	ified Component 703				
ID	EMAPA:30102	Is Group Term	false		
Name	lamina propria of	fundus			
Starts At	TS22	Ends At	TS28		
Primary Parents	EMAPA:30088[lamin	a 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 ur	ethra 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 meso	nephric tubule of	female	
Starts At	TS22	Ends At	TS23	
Primary Parents	EMAPA:28909[meson	ephros 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[lamin	a propria of the l	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				
	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[ureth	ra 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 meso female	nephric portion o	f nephric duct of	
Starts At	TS22	Ends At	TS23	
Primary Parents	EMAPA:28909[meson	ephros 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.			
	order entries; Re	t Order - This con ferenced Componen 4 for EMAPA:28909	t (EMAPA:28981)	

Modified Component 709				

Modified Component 709				
ID	EMAPA:26913	Is Group Term	false	
Name	inguinal canal			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17968[male	reproductive syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal canal(EMAPA:26913)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), inguinal canal(EMAPA:26913)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:26913) has order entry <8 for EMAPA:17968>			

Modified Component 710			
ID ID	EMAPA: 27599 Is Group Term false		
Name	nephric duct, metanephric portion		
Starts At	TS17 Ends At TS18		
Primary Parents	EMAPA:16367[genitourinary system] EMAPA:28425[nephric duct group]		
Group Parents			
Synonyms	[1]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, metanephric portion(EMAPA:27599)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, metanephric portion(EMAPA:27599)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct group(EMAPA:28425), nephric duct, metanephric portion(EMAPA:27599)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric duct, metanephric portion(EMAPA:27599)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	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[genit	ourinary 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[gonad	al mesenchyme]		
Group Parents				
Synonyms	[caudal gonadal m	esenchyme]		
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, met	anephric 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 Componer	t 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[metan	ephros]		
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			
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 lay	er		
Starts At	TS21	Ends At	TS28	
Primary Parents	EMAPA:28089[uroth	elium]		
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				
Name	urogenital membra	ine			
Starts At	TS19	Ends At	TS22		
Primary Parents	EMAPA:17366[urina	ry 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				
ID	EMAPA:17373			
Name	metanephros			
Starts At	TS19	Ends At	TS28	
Primary Parents	EMAPA:17366[urina	ry 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 mesen	chyme		
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:17373[metan	ephros]		
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 fe	male		
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:17959[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[1]			
Primary Path	[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.			
	order entries; Re	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 m	esenchyme		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:16858[gonad	al 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[gonad	al 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. Differen	t Order - This co	mponent 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 epitheli	um		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:16857[gonad	.]		
Group Parents				
Synonyms	[germinal epithel	ium]		
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 mesent	ery		
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:17367[mesen	tery]		
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[visce	ral 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 mesen	chyme of female m	esonephros	
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:28909[meson	ephros 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 tubul	e of female		
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA:28909[meson	ephros 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, mes	onephric portion		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA: 28425 [nephr EMAPA: 16744 [mesor			
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				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27591) has order entry <1 for EMAPA:28425>			
	order entries; Re	t Order - This conferenced Componen 5 for EMAPA:16744	t (EMAPA:27591)	

Modified Component 730				
ID	EMAPA:28120	Is Group Term	false	
Name	pelvic smooth mus	cle		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:17948[pelvi	s]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), pelvis(EMAPA:17948), pelvic smooth muscle(EMAPA:28120)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28120) has order entry <1 for EMAPA:17948>			

Modified Component 731				
ID	EMAPA:27588	Is Group Term	false	
Name	mesonephric tubul	е		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:16744[meson	ephros]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric tubule(EMAPA:27588)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27588) has order entry <4 for EMAPA:16744>			

Modified Component 732				
ID	EMAPA:27581	Is Group Term	false	
Name	associated mesenc	hyme		
Starts At	TS17	Ends At	TS18	
Primary Parents	EMAPA:27573[cloac	a]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), cloaca(EMAPA:27573), associated mesenchyme(EMAPA:27581)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27581) has order entry <1 for EMAPA:27573>			

Modified Component 733				
ID	EMAPA:17382	Is Group Term	false	
Name	genital tubercle			
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:17381[repro	ductive system]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17382) has order entry <3 for EMAPA:17381>			

Modified Component 734			
ID	EMAPA:27585	Is Group Term	false
Name	mesonephric mesen	chyme	
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:16744[meson	ephros]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), mesonephros(EMAPA:16744), mesonephric mesenchyme(EMAPA:27585)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

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 syst	em		
Starts At	TS19	Ends At	TS28	
Primary Parents	EMAPA:16245[visce	ral 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[urina	ry 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 mesenchym	е		
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 epitheli	um	
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		

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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[repro	ductive 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 ure	ter		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17950[urete	r]		
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[cloac	a]		
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[femal	e reproductive sy	stem]	
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[femal	e reproductive sys	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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 Company 745			
Modified Compone	EMAPA:18976	Is Group Term	false
ID Name	cortical renal to	JL	Taise
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA: 28506 [deve	loping capillary l	oop stage nephron
	EMAPA:28485[mature nephron] EMAPA:28	45[stage IV immatu ring nephron] EMAP 8527[late tubule] 954[early nephron	A:28491[mature EMAPA:17952[renal
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAI organ(EMAPA:16249 metanephros(EMAPA	52), cortical rena	1 (EMAPA:17366),
Alternate 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)]		
	organ system(EMAI organ(EMAPA:1624! metanephros(EMAPA GROUP(EMAPA:17954	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)]	
	embryo(EMAPA:1603 visceral organ(EN system(EMAPA:1736	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 56), metanephros(E MAPA:28491), corti 76)]	EMAPA:16103), ry MAPA:17373),

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 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)] [Abstract anatomy(EMAPA:0), mouse(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 typulo(EMAPA:18076) tubule(EMAPA: 18976) l [Abstract 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)] PASSED CHANGED Rule Status Edit Status Comments 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[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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>			

nearred compone	nt 747				
ID	EMAPA:18998	Is Group Term	false		
Name	urethral plate of	male			
Starts At	TS23	Ends At	TS24		
Primary Parents	EMAPA:17956[phall	ic urethra of mal	e]		
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 vag	ina		
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[ureth	ra 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 syste	em]
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[femal	e reproductive sy	stem]	
Group Parents				
Synonyms	[]			
Primary Path	[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[vagin	a]	
Group Parents			
Synonyms	[]		
Primary Path	[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. Differen	t Order - This co	mponent 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[bladd	er]	
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.		
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:18321	t (EMAPA:30088)

Modified Componen	t 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.		
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:17367	t (EMAPA:29609)

Modified Component 758			
ID	EMAPA:29605	Is Group Term	false
Name	coelomic vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vascu	lature 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 vess	interstitial vessel	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[vascu	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 Componen	Modified Component 759		
Alternate Paths	visceral organ(EM system(EMAPA:1738	9), organ system(1APA:16245), reprod 1), male reproduct 8), testis(EMAPA: stis(EMAPA:29603)	EMAPA:16103), ductive tive 17972),
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Differen order entries; Re has order entry <	t Order - This con ferenced Componen 1 for EMAPA:29603	t (EMAPA:29607)

Modified Component 760			
ID	EMAPA:29603	Is Group Term	false
Name	vasculature of testis		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:17972[testi	s]	
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This co ferenced Componen 11 for EMAPA:1797	t (EMAPA:29603)

Modified Componen	t 761		
ID	EMAPA:30051	Is Group Term	false
Name	circular muscle layer of rest of oviduct		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30049[muscl	e layer of rest o	f oviduct]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		

Modified Comp	onent 761		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entrie	ferent Order - Thises; Referenced Componitry <1 for EMAPA:30	onent (EMAPA: 30051)

ID	EMAPA: 31021	Is Group Term	false
Name	bend	TS OTOUP TETM	Large
Starts At	TS22	Ends At	TS24
Primary Parents		mature loop of He dullary renal tub	nle]
Group Parents			
Synonyms	[U-turn]		
Primary Path	organ system(El organ(EMAPA:16 metanephros(EM medulla(EMAPA:	[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: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:28049), bend(EMAPA:31021)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16245), urinary system(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: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:17376), metanephros(EMAPA:17376), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:31414), bend(EMAPA:31021)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 embryo(EMAPA:16039), organ system(EMAPA:25765 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16045), urinary system(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16045), urinary system(EMAPA:16045), immature loop of Henle(EMAPA:16045), immature loop of Henle(EMAPA:16045), immature loop of Henle(EMAPA:16049), bend(EMAPA:31021)]		eral tem(EMAPA:17366), IV immature loop of enal :31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of
			eral tem(EMAPA:17366), loop of enal
			em(EMAPA:16103), inary s(EMAPA:17373), :28445), immature ullary renal
			em(EMAPA:16103), inary s(EMAPA:17373), :28445), immature
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal medulla(Henle(EMAPA:28	natomy(EMAPA:0), 6039), organ syst (EMAPA:16245), ur 7366), metanephro EMAPA:19279), imm 049), medullary r 1414), bend(EMAPA	inary s(EMAPA:17373), ature loop of enal
	embryo(EMAPA:1 visceral organ system(EMAPA:1 renal medulla()	natomy(EMAPA:0), 6039), organ syst (EMAPA:16245), ur 7366), metanephro EMAPA:19279), imm 049), bend(EMAPA:	inary s(EMAPA:17373), ature loop of
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 vag	ina		
Starts At	TS24	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:18986[vagin	a]		
Synonyms	[]			
Primary Path	[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 Compon	odified Component 764				
ID	EMAPA:30043	Is Group Term	false		
Name	renal medullary c	apillary			
Starts At	TS23	Ends At	TS28		
Primary Parents	EMAPA:31443[renal	medullary vascul capillaries] EMA IAPA:28457[renal v	PA:31469[small		
Group Parents					
Synonyms	[vasa recta]				
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192 vasculature(EMAPA	[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 [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 medullary 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)] PASSED Edit Status CHANGED Rule Status Comments 1 2. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA:28157> Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA:31443> Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <6 for EMAPA:31469> 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	organ system(EMAI organ(EMAPA:16245 system(EMAPA:1738	31), female reprod 59), ovary(EMAPA:1	l uctive		
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>				
	order entries; Re	nt Order - This co eferenced Componen 4 for EMAPA:17962	t (EMAPA:31025)		

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[vagin	a]		
Synonyms	[]			
Primary Path	[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	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 musc	le layer of ductu	s deferens	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29270[muscl	e 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.			
	L			

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 musc	le layer of rest	of oviduct
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30049[muscl	e layer of rest o	f 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 l	ayer of ductus de	ferens	
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:29270[muscl	e 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:29270), 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:29270);			
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	straight limb		
Starts At	TS22	Ends At	TS24	
Primary Parents		ullary renal tubu ature loop of Her		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1	my(EMAPA:0), mous APA:16103), visce 45), urinary syst PA:17373), renal 9279), immature] 49), straight lin	eral cem(EMAPA:17366), loop of	
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2 Henle(EMAPA:280	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)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2			
	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1 Henle(EMAPA:280			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173766), 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:17376), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]			
	embryo(EMAPA:16	atomy(EMAPA:0), n 039), organ syste EMAPA:16245), uri		

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>			
	order entries; Re	nt Order - This co eferenced Componen 0 for EMAPA:31414	t (EMAPA:31017)	

Modified Component 772					
ID	EMAPA:30984	Is Group Term	true		
Name	female external g	enitalia			
Starts At	TS23	TS23 Ends At TS28			
Primary Parents					
Group Parents	EMAPA:17959[femal	e reproductive sy	stem]		
Synonyms	[]				
Primary Path	[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	EMAPA:19279 Is Group Term false			
Name	renal medulla				
Starts At	TS22	Ends At	TS28		
Primary Parents	EMAPA:17373[metan	ephros]			
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>			

ID	EMAPA:30072	Is Group Term	false		
Name	mesenchyme of pa	ramesonephric duc	ct, mesonephric		
Starts At	TS23	Ends At	TS23		
Primary Parents	EMAPA:28937[para mesonephric port	mesonephric duct ion]	of female,		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:273 female(EMAPA:289 female, mesoneph mesenchyme of pa	[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	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:173 female(EMAPA:289 female, mesoneph mesenchyme of pa	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	PASSED Edit Status CHANGED			
Comments	1.				
	order entries; R	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 par portion	amesonephric duct	, mesonephric
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:28937[param mesonephric porti	esonephric duct or on]	f 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), 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:1795 female(EMAPA:2890 female, mesonephr	81), female reprod 69), mesonephros o 99), paramesonephr fic portion(EMAPA: camesonephric duct	f ic duct of 28937),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	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 gl	and		
Starts At	TS26	Ends At	TS28	
Primary Parents	EMAPA:17968[male	reproductive syst	em]	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract 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. Differen	t Order - This co	mponent 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 e	xcluding tip itself		
Starts At	TS21	Ends At	TS28		
Primary Parents	EMAPA: 28407 [co. EMAPA: 27721 [nep	llecting duct] phrogenic zone]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EI organ(EMAPA:16: metanephros(EMAPA:277:	[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	PASSED Edit Status CHANGED			
Comments	1.	1.			
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31045) has order entry <1 for EMAPA:28407>			
	order entries;				

Modified Component 779				
ID	EMAPA:30068	Is Group Term	false	
Name	cranial suspensor	y ligament		
Starts At	TS23	Ends At	TS23	
Primary Parents	EMAPA:17968[male	reproductive syste	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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 gro	oup	
Starts At	TS25	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:28491[matur medulla]	re nephron] EMAPA:	19279[renal
Synonyms	[]		
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA	279), Loop of Henl	l (EMAPA:17366),
Alternate 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		

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Modified Component 781			
	system(EMAPA:17968), male accessory 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 gla	nd	
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[testi	s]	
Group Parents			
Synonyms	[]		
Primary Path	[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. Differen order entries; Re has order entry <		t (EMAPA:19289)	

Modified Component 784			
ID	EMAPA:30977	Is Group Term	true
Name	male external gen	italia	
Starts At	TS23	Ends At	TS28
Primary Parents			
Group Parents	EMAPA:17968[male	reproductive system	em]
Synonyms	[]		
Primary Path	[Abstract 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 ovary	component of mese	nchymal stroma of
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:29009[cortistroma]	cal component of	mesenchymal
Group Parents			
Synonyms	[]		
Primary Path	[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 nec	k	
Starts At	TS22	Ends At	TS28
Primary Parents	EMAPA:28601[epith	elium 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		reproductive systems 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		cal component of 58[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), pregranulosa 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), pregranulosa 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.		
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:29009	t (EMAPA:31035)
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:31058	t (EMAPA:31035)

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 sw	elling	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genit	al tubercle]	
Group Parents			
Synonyms	[dorsal genital t	ubercle]	
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)]		
	embryo(EMAPA:1603	omy(EMAPA:0), mou 9), organ system(APA:16245), repro	EMAPA:16103),

Modified Component 791				
	system(EMAPA:1796	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.			
	order entries; Re	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[epidi	dymis]		
Group Parents				
Synonyms	[]			
Primary Path	[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 gen	ital swelling	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA:17382[genit	al 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[epidi	dymis]		
Group Parents				
Synonyms	[]			
Primary Path	[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[epidi	dymis]	
Group Parents			
Synonyms	[]		
Primary Path	[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
	Till the state of		

Modified Component 796				
Name	epididymis			
Starts At	TS23 Ends At TS28			
Primary Parents	EMAPA:17968[male	reproductive syste	em]	
Group Parents				
Synonyms	[]			
Primary Path	[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>			

ID	EMAPA: 30965	Is Group Term	false				
			laise				
Name	glomerular basement membrane						
Starts At	TS22	Ends At	TS27				
Primary Parents	EMAPA:27949[maturing glomerular tuft]						
Group Parents							
Synonyms	[1]						
Primary 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)] [Abstract anatomy(EMAPA:0), mouse(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 nephroid GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)] CHANGED Rule Status PASSED Edit Status Comments 1. 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:3075	59	Is Group Term		false			
Name	follicle o	follicle cell of primordial follicle						
Starts At			Ends At					
Primary Parents								
Group Parents								
Synonyms	[granulose	[granulose cell]						
Primary Path	[N/A]	[N/A]						
Alternate Paths								
Rule Status	PASSED		Edit Status		DELETED			
Comments		OBO File and can be scheduled for deletion in						
	2.]	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.