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 tube	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[proxima	JA0001023[proximal genital tubercle of male]			
Group Parents					
Synonyms	[]				
Rule Status	PASSED	Edit Status	NEW		
Comments	1.				
	2. New EMAPA:ID generated: EMAPA:31502				

New Component 4				
ID	EMAPA:31503	Is Group Term	false	
Name	developing vasculature of female genital tubercle			
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:18680[genital tubercle of female] JFA:0001009[developing vasculature of reproductive system GROUP]			
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 EMAPA:ID generated: EMAPA: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	JFA:0001009[developing vasculature of reproductive system GROUP] EMAPA:17969[genital tubercle of male]			
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	
	EMAPA:28007[early distal tubule] JFA:0001011[cortical renal tubule of capillary loop nephron GROUP]			
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

ID	EMAPA:31512	Is Group Term	false	
Name	early proximal to	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 EMAPA:ID generated: EMAPA: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	JFA:0001012[cortical renal tubule of maturing nephron GROUP] EMAPA:28007[early distal tubule]			
Group Parents				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAP	A:ID generated: El	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	JFA:0001012[cortical renal tubule of maturing nephron GROUP] EMAPA:28390[early distal tubule]			
Group Parents				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAPA:ID generated: EMAPA:31514			

New Component 16				
ID	EMAPA:31515	Is Group Term	false	
Name	renal connecting tubule of capillary loop nephron			
Starts At	TS22	Ends At	TS27	
Primary Parents	JFA:0001011[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28011[renal connecting tubule]			
Group Parents				

New Component 16				
Synonyms	[]			
Rule Status	PASSED	Edit Stat	us	
Comments	1.			
	2.	New EMAPA:ID ger	nerated: EMAPA:3	1515

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	JFA:0001012[cortical renal tubule of maturing 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: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[genital tubercle]		
Group Parents			
Synonyms	[urethral plate,	urethral seam]	
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31518		

New Component 20			
ID	EMAPA:31519	Is Group Term	false
Name	mesenchyme of urogenital sinus		
Starts At	TS18	Ends At	TS18
Primary Parents	EMAPA:17211[urogenital sinus]		
Group Parents			

New Component 20				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2.	New EMAPA: ID generated	l: EMAPA: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 lo	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.		
	2. New EMAP	A:ID generated: E	MAPA:31521

New Component 23					
ID	EMAPA:31522	Is Group Term	false		
Name	pelvic ganglion	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: El	MAPA:31522		

New Component 24			
ID	EMAPA:31523	Is Group Term	false
Name	nerve of pelvic urethra		
Starts At	TS22	Ends At	TS22
Primary Parents	JFA:0001010[nerves of urethra GROUP] EMAPA:30903[pelvic urethra]		
Group Parents			

New Component 24					
Synonyms	[]				
Rule Status	PASSED		Edit Status	NEW	
Comments	1.				
	2.	New EMAP	A:ID generated:	EMAPA:31523	

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

New Component 26	1		
ID	EMAPA:31525	Is Group Term	false
Name	mesenchymal layer	of ventral primi	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: El	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
Primary Parents	JA0001036[nerves of urogenital sinus]		
Group Parents			
Synonyms	[]		

New Component 28		
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 EMAP	A:ID generated: E	MAPA: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]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW

New Component 32	
Comments	1.
	2. New EMAPA:ID generated: EMAPA: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	EMAPA:17379[urogenital sinus] JFA:0001008[developing vasculature of urinary system GROUP]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: E	MAPA: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: E	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 EMAP	A:ID generated: El	MAPA:31534

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

New Component 36	
Comments	1.
	2. New EMAPA:ID generated: EMAPA: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 EMAP	A:ID generated: E	MAPA:31536

New Component 38			
ID	EMAPA:31537	Is Group Term	false
Name	developing vascul	ature of male meso	onephros
Starts At	TS20	Ends At	TS23
Primary Parents	JFA:0001009[developing vasculature of reproductive system GROUP] EMAPA:29138[mesonephros of male]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: EN	MAPA: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: El	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	EMAPA:30870[primitive bladder] JFA:0001008[developing vasculature of urinary system GROUP]		
Group Parents			
Synonyms	[]		

New Component 40		
Rule Status	PASSED	Edit Status NEW
Comments	1.	
	2.	New EMAPA:ID generated: EMAPA:31539

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

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

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

New Component 44			
ID	EMAPA:31543	Is Group Term	false
Name	early proximal tubule of capillary loop nephron		
Starts At	TS25	Ends At	TS27
Primary Parents	JFA:0001011[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28284[early proximal tubule]		
Group Parents			
Synonyms	[anlage of proximal tubule]		

New Component 44			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2.	New EMAPA: ID generated:	EMAPA:31543

New Component 45			
ID	EMAPA:31544	Is Group Term	false
Name	early proximal 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 EMAPA:ID generated: EMAPA:31544		

New Component 46			
ID	EMAPA:31545	Is Group Term	false
Name	renal connecting	segment of comma-	shaped body
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27835[comma-shaped body]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAP	A:ID generated: E	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: El	MAPA:31546

New Component 4	8			
ID	EMAPA:31547	Is Group Term	false	
Name	proximal renal v	proximal renal vesicle		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:27829[rena	l vesicle]		
Group Parents				
Synonyms	[]	-		

New Component 48			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2.	New EMAPA: ID generated:	EMAPA:31547

New Component 49				
ID	EMAPA:31548	Is Group Term	false	
Name	distal renal 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 EMAP	A:ID generated: E	MAPA:31548	

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 EMAPA:ID generated: EMAPA: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 EMAP	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	JFA:0001010[nerves of urethra GROUP] EMAPA:30917[phallic urethra of female]			
Group Parents				
Synonyms	[]			

New Component 52			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2.	New EMAPA: ID generated:	EMAPA:31551

New Component 53			
ID	EMAPA:31552	Is Group Term	false
Name	mesenchymal layer	of dorsal pelvic	urethra of male
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28703[mesen	chymal layer of p	elvic urethra of
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 EMAP	A:ID generated: E	MAPA:31554	

New Component 56			
ID	EMAPA:31555	Is Group Term	false
Name	muscle layer of v	entral pelvic ure	thra of male
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28709[muscl	e layer of pelvic	urethra of male]
Group Parents			

New Component 56				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2.	New EMAPA:ID genera	ted: EMAPA:31555	

New Component 57				
ID	EMAPA:31556	Is Group Term	false	
Name	muscle layer of d	orsal pelvic uretl	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 EMAP	A:ID generated: El	MAPA: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 EMAP	A:ID generated: El	MAPA: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 EMAP	A:ID generated: El	MAPA:31558

New Component 60			
ID	EMAPA:31559	Is Group Term	false
Name	muscle layer of ventral pelvic urethra of female		
Starts At	TS23	Ends At	TS25
Primary Parents	EMAPA:28771[muscle layer of pelvic urethra of female]		
Group Parents			
Synonyms	[]		

New Component 60			
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2.	New EMAPA: ID generated:	EMAPA:31559

New Component 61			
ID	EMAPA:31560	Is Group Term	false
Name	muscle layer of 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

New Component 62			
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 Grou EMAPA:17373[metan	p Component - Com ephros]	mon Ancestor is

New Component 64				
ID	EMAPA:31563	Is Group Term	true	
Name	developing vasculature of urinary system GROUP			
Starts At	TS20	Ends At	TS28	
Primary Parents	Tmp_new_group[Tmp new group]			
Group Parents	EMAPA:17366[urinary system]			

New Component 64			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMA	.PA:ID generated: E	MAPA:31563
	3. New Gro EMAPA:17366[urin	oup Component - Com ary system]	mon Ancestor is

New Component 65			
ID	EMAPA:31564	Is Group Term	true
Name	developing vascul	ature of reproduc	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 Grou EMAPA:17381[repro	p Component - Com ductive system]	mon Ancestor is

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 EMAPA:ID generated: EMAPA: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

New Component 68				
Name	nerve of pelv	ic urethra o	f 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 Statu	ıs	NEW
Comments	1.			
	2. New	EMAPA:ID gene	erated: 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 Group Component - Common Ancestor is EMAPA:17366[urinary system]		

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[corti	cal renal tubule]		
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAPA:ID generated: EMAPA:31570			
	3. New Grou EMAPA:18976[corti	p Component - Com cal renal tubule]	mon Ancestor is	

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

New Component 73				
ID	EMAPA:31572	Is Group Term	false	
Name	dorsal mesenchyme	of pelvic urethra	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 pelvi	c 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: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[muscl	EMAPA:30909[muscle layer of pelvic urethra]			
Group Parents					
Synonyms	[]				
Rule Status	PASSED	Edit Status	NEW		
Comments	1.				
	2. New EMAP	A:ID generated: E	MAPA:31576		

New Component 78				
ID	EMAPA:31577	Is Group Term	false	
Name	muscle layer of d	orsal pelvic uret	hra	
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: E	MAPA:31577	

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[genitourinary system]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA:31578		

New Component 80			
ID	EMAPA:31579	Is Group Term	false

New Component 80			
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:000003[developing vasculature of genitourinary system GROUP]			
Group Parents				
Synonyms	[]			
Rule Status	PASSED	Edit Status	NEW	
Comments	1.			
	2. New EMAPA:ID generated: EMAPA:31580			

New Component 82				
ID	EMAPA:31581	Is Group Term	true	
Name	developing vasculature of genitourinary system GROUP			
Starts At	TS19	Ends At	TS19	
Primary Parents	Tmp_new_group[Tmp new group]			
Group Parents	EMAPA:16245[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 vesi	cle	
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:27678[renal vesicle]		
Group Parents			
Synonyms	[]		
Rule Status	PASSED	Edit Status	NEW
Comments	1.		
	2. New EMAPA:ID generated: EMAPA: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
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216. EMAPA:29055
217. EMAPA:29058
                          - muscular layer of upper part of vagina
- epithelial layer of lower part of vagina
218. EMAPA:29820
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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
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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
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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
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                          - 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
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                         - 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
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407. EMAPA:30562
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- rest of cranial mesonephric tubule
409. EMAPA:30568
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410. EMAPA:30571
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411. EMAPA: 28506
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412. EMAPA:30576
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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
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429. EMAPA:27937 - presumptive endothelium of renal corpuscle
430. EMAPA: 28570 - outer layer
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432. EMAPA: 28567 - middle layer
433. EMAPA:27901 - parietal epithelium
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435. EMAPA: 27967 - visceral epithelium
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- 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
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447. EMAPA: 27973 - Bowman's capsule
448. EMAPA:16745 - associated mesenchyme 449. EMAPA:16744 - mesonephros
450. EMAPA:16747 - tubule
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452. EMAPA:31003 - adventita of vagina
453. EMAPA: 28491 - mature nephron
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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
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465. EMAPA:28376 - renal vein
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467. EMAPA:28370 - inner medullary collecting duct
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470. EMAPA: 16857 - gonad
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473. EMAPA: 28393 - distal convoluted tubule 474. EMAPA: 28390 - early distal tubule
475. EMAPA: 28337 - outer medullary interstitium
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478. EMAPA:28325
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484. EMAPA: 28361 - thin ascending 485. EMAPA: 28349 - inner medulla
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488. EMAPA:17975
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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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                         - 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
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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
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510. EMAPA: 30801 - vasculature of bulbourethral gland
511. EMAPA:30809 - vasculature of oviduct
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513. EMAPA:28281 - renal proximal tubule
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517. EMAPA: 31240 - surface epithelium of testis
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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
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525. EMAPA: 28278 - extraglomerular mesangium 526. EMAPA: 31214 - developing vasculature of oviduct
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530. EMAPA:17207 - metanephros
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533. EMAPA: 30019 - smooth muscle layer of renal vein
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546. EMAPA:17212
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547. EMAPA:29794 - anterior prostate gland
548. EMAPA:28263 - urinary space of renal corpuscle
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550. EMAPA: 29792 - interstitium of bulbourethral gland 551. EMAPA: 31224 - developing vasculature of lower part of vagina
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554. EMAPA: 30831 - surface epithelium of glans clitoris
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556. EMAPA:30835
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557. EMAPA:31229 - devel
558. EMAPA:30837 - labia
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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
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570. EMAPA:31209
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571. EMAPA:29755
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572. EMAPA:29757
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573. EMAPA:29759 - adventitia of corpus of epididymis 574. EMAPA:29761 - epithelium of caput of epididymis
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582. EMAPA: 29737 - stratified layer
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585. EMAPA: 29735 - basal layer
586. EMAPA: 29741 - hair follicle
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588. EMAPA: 28245 - glomerular capillary system
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589. EMAPA: 28239
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596. EMAPA:28212 - interloi
597. EMAPA:30891 - urethra

    interlobular artery

598. EMAPA:30895 - caudal urethra
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604. EMAPA:31199
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606. EMAPA:30888
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608. EMAPA:16577
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610. EMAPA:16578
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611. EMAPA:19180

    seminal vesicle

                         pronephros
612. EMAPA:16579
613. EMAPA: 31182 - developing vasculature of epididymis
614. EMAPA:16576
615. EMAPA:19169
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616. EMAPA:30850 - ureteral vasculature
617. EMAPA: 30841 - mesenchymal layer of labia
618. EMAPA:30843 - gland of labia
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619. EMAPA:19179 - tunica vaginalis tes
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621. EMAPA:19177 - Sertoli cell
622. EMAPA:19176 - rest of interstitium of the testis
623. EMAPA:19175 - fetal Leydig cell
624. EMAPA:19174 - external
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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
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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
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646. EMAPA: 30952 - epithelial layer
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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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316), scrotal fold surface epithelium of male(EMAPA:30627)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316),		

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

Modified Component 2				
ID	EMAPA:29907	Is Group Term	false	
Name	epithelial layer	of rest of 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		

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[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), nephric cord(EMAPA:16368)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), nephric cord(EMAPA:16368)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16368) has order entry <0 for EMAPA:16367>			

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

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

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

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

Modified Compone	lified 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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 genitalia(EMAPA:3 male(EMAPA:17969)	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc 8), male external 0977), genital tu , prepuce of male e of male(EMAPA:3	EMAPA:16103), ductive tive bercle of (EMAPA:30634),	
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)]			
	organ system() organ(EMAPA:1 system(EMAPA: system(EMAPA: genitalia(EMA male(EMAPA:17	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:2576 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), glant system 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				
	<pre>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)]</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 penis(EMAPA:29288), glans surface epithelium of male(EMAPA:30632)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	t Order - This conferenced Componen 0 for EMAPA:29288	t (EMAPA:30632)	

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)]		
	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796 genitalia(EMAPA:3			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 structure(EMAPA:2	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			

Modified Component 12

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

Modified 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:	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
Alternate Paths	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:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), male associated reproductive system(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:29288), glans mesenchyme of male(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:0), mouse(EMAPA:29288), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans penis(EMAPA:29288), glans mesenchyme of male(EMAPA:30630)]		
	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:	A:16039), organ sysgan(EMAPA:16245), r A:17381), male repr A:17968), male exte EMAPA:30977), genita	eproductive oductive rnal l tubercle of (EMAPA:29288), glans	
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 Compone	nt 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 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)]			
	organ system(EMA) organ(EMAPA:1624 metanephros(EMAPA cortex(EMAPA:179	tomy(EMAPA:0), mou PA:16103), viscera 5), urinary system A:17373), renal 52), late tubule(E ubule(EMAPA:18976)	l (EMAPA:17366), MAPA:28527),	

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	Is Group Term	false
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)]			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 comma-shaped boo	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), comma-shaped body(EMAPA:27681), upper limb of comma-shaped body(EMAPA:27684)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27684) has order entry <0 for EMAPA:27681>				

Modified Component 25			
ID	EMAPA:27681	Is Group Term	false
Name	comma-shaped body		
Starts At	TS20	Ends At	TS21
Primary Parents	EMAPA:17373[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				
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), uterus(EMAPA:29915), endometrium(EMAPA:29917), uterine gland(EMAPA:29919)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29919) has order entry <0 for EMAPA:29917>			

Modified Component 28				
ID	EMAPA: 27687	Is Group Term	false	
Name	lower limb of 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	ature of the test	is	
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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of the testis(EMAPA:29114)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), developing vasculature of the testis(EMAPA:29114)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29114) has order entry <7 for EMAPA:17972>			
	3. Different Parents - Referenced Component EMAPA:29114 has parents [EMAPA:17972]			

Modified Component 33				
ID	EMAPA:16367	Is Group Term	false	
Name	genitourinary 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	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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27697) has order entry <1 for EMAPA:17646>		

Modified Component 36				

Modified Component 36				
ID	EMAPA:27694	Is Group Term	false	
Name	ureteric tip	ureteric tip		
Starts At	TS20	Ends At	TS20	
Primary Parents	EMAPA:17646[prim JFA:0001007[neph	itive collecting or rogenic zone GROUE	luct]	
Group Parents				
Synonyms	[ampulla]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAP	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct(EMAPA:17646), ureteric tip(EMAPA:27694)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(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]			

ID	EMAPA:27690	Is Group Term	false	
Name	renal interstit	ium		
Starts At	TS20	Ends At	TS21	
Primary Parents	EMAPA: 28518[rena EMAPA: 17373[meta		group]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMA)	[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	organ system(EM2 organ(EMAPA:1624 metanephros(EMAP group(EMAPA:2852	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)]		
	embryo(EMAPA:160 visceral organ(1 system(EMAPA:17)	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium(EMAPA:27690)]		
	3. [Abstract and embryo(EMAPA:160	atomy(EMAPA:0), 039), organ syst	mouse(EMAPA:25765), tem(EMAPA:16103),	

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

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

W-1151-1 G	± 30		
Modified Componer	15 39		
Synonyms	[]		
Primary Path	[Abstract anatomy organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	31), female reprod 59), vagina(EMAPA: MAPA:18987), adven	luctive 18986), upper
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of upper part of vagina(EMAPA:29945)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of upper part of vagina(EMAPA:29945)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), adventitia of upper part of vagina(EMAPA:29945)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29945) has order entry <1 for EMAPA:31003>		
	order entries; Re	nt Order - This co eferenced Componen 2 for EMAPA:18987	t (EMAPA:29945)

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),	

Modified Component 40			
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17376), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal interstitium(EMAPA:27690), rest of renal interstitium(EMAPA:31276)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	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: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:17381), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), genital tubercle mesenchyme of male(EMAPA:29167)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:25765), embryo(EMAPA:17368), genital tubercle mesenchyme of male(EMAPA:17381), male reproductive system(EMAPA:17381), genital tubercle mesenchyme of male(EMAPA:17381), genital tubercle mesenchyme of male(EMAPA:17381), genital tubercle mesenchyme of male(EMAPA:17368), genital tubercle mesenchyme of male(EMAPA:29167)]			
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		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.	1.			
	2. Different End Stage - Referenced Component EMAPA:29167 has End Stage [TS21]				
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29167) has order entry <2 for EMAPA:17969>				

Modified Component 47				
ID	EMAPA:31281	Is Group Term	false	
Name	anlage of loop o	anlage of loop of Henle		
Starts At	TS22	Ends At	TS27	
Primary Parents		ical renal tubule MAPA:18976[cortica		
Group Parents				
Synonyms	[primitive loop	of Henle]		
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:0rtex(EMAPA:179	52), cortical rena 76), anlage of loo	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), 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(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:18976), anlage of loop of Henle(EMAPA:31281)]			
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:29 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1736 metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule (EMAPA:18976), cortical renal tubule of capillary loop nephron GROUP(JFA:0001011), arof loop of Henle(EMAPA:31281)]			l (EMAPA:17366), immature al l tubule of	
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:0rtex(EMAPA:179 stage nephron GR	52), developing ca OUP(EMAPA:28506), 76), anlage of loo	l (EMAPA:17366), pillary loop cortical renal	
	organ system(EMA	tomy(EMAPA:0), mou PA:16103), viscera 5), urinary system	.1	

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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), an
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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), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary

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

Modified Component 49			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	r(EMAPA:0), mouse(A:16103), viscera), reproductive 1), female reprod 9), uterine horn(erine horn(EMAPA:	l uctive 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), outer layer of uterine horn(EMAPA:30675)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30675) has order entry <3 for EMAPA:18985>		

Modified Component 50				
ID	EMAPA:29933	Is Group Term	false	
Name	adventitia of 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	Is Group Term	false	
Name	renal cortical fi	broblasts		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28136[renal	cortical interst	itium]	
Group Parents				
Synonyms	[]			
Primary 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)]			

Modified Componer	it 51			
Alternate 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>			

ID	EMAPA: 29935	Is Group Term	false	
Name	gland of lower	 vaginal epitheli	ıım	
Starts At	TS28	Ends At	TS28	
Primary Parents		EMAPA:29058[epithelial layer of lower part of		
Group Parents				
Synonyms	[]			
Primary Path	organ system(Forgan(EMAPA:16 system(EMAPA:16 system(EMAPA:16 part of vaginations)	[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: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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 epithelium of of lower part	.6039), organ syst n(EMAPA:16245), re .7381), female rep .7959), vagina(EMA	productive roductive PA:18986), 1), epithelial layer 9058), gland of	
Rule Status	PASSED	Edit Status	CHANGED	

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

Modified Component 53				
ID	EMAPA: 29937	Is Group Term	false	
Name	rest of epithelial layer of lower vagina			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29058[epith vagina]	elial layer of lo	wer part of	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 part of vagina(EM lower part of vag	[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: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 low	er 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	organ system(EMAP	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 54				
	system(EMAPA:1795	31), female reprod 59), vagina(EMAPA: MAPA:18999), adven MAPA:29939)]	18986), lower	
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 lower part of vagina(EMAPA:29939)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), adventita of vagina(EMAPA:31003), adventitia of lower part of vagina(EMAPA:29939)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1799	comy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 31), female reprod 59), vagina(EMAPA: MAPA:18999), adven MAPA:29939)]	EMAPA:16103), ductive uctive 18986), lower	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29939) has order entry <0 for EMAPA:31003>			
	order entries; Re	nt Order - This co eferenced Componen <2 for EMAPA:18999	t (EMAPA:29939)	

Modified Component 55			
ID	EMAPA:29170	Is Group Term	false
Name	genital tubercle	surface epitheliu	m of male
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)]		
	embryo(EMAPA:1603 visceral organ(EM	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc	EMAPA:16103), ductive

Modified Component 55				
	<pre>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)]</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), genital tubercle surface epithelium of male(EMAPA:29170)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different End Stage - Referenced Component EMAPA: 29170 has End Stage [TS21]			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29170) has order entry <0 for EMAPA:17969>			

Modified Component 56				
ID	EMAPA:29173	Is Group Term	false	
Name	nephric duct of 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	[]			
Primary Path	[Abstract anatomy	(EMAPA:0), mouse(EMAPA:25765),	

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

Modified Component 58				
ID	EMAPA:29941	Is Group Term	false	
Name	gland of upper	gland of upper vaginal epithelium		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29052[epi vagina]	thelial layer of up	per 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), 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: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	ns penis		
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:18988[glans	penis]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17968), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), mesenchyme of glans penis(EMAPA:30642)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30642) has order entry <3 for EMAPA:18988>			

Modified Component 60				
ID	EMAPA:30640	Is Group Term	false	
Name	preputial gland			
Starts At	TS24	Ends At	TS24	
Primary Parents	EMAPA:30634[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:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), prepuce of male(EMAPA:30634), preputial gland(EMAPA:30640)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576! 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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30640) has order entry <1 for EMAPA:30634>			

Modified Component 61				
ID	EMAPA: 29964	Is Group Term	false	
Name	endothelial layer	of renal vein		
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA:28376[renal	vein]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:28964)]			

Modified Component 61				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376 endothelial layer of renal vein(EMAPA:29964)]			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]			
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376), endothelial layer of renal vein(EMAPA:29964)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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 anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce mesenchyme of male(EMAPA:30650)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30650) has order entry <2 for EMAPA:18989>			

Modified Component 70				
ID	EMAPA:31264	Is Group Term	false	
Name	muscle layer of i	nfundibulum		
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), 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 male(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), 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	<pre>system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989), prepuce surface epithelium of male(EMAPA:30655)]</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), 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	TS20 Ends At TS21			
Primary Parents		nal interstitium] phrogenic zone GR			
Group Parents					
Synonyms	[peripheral bla	astema]			
Primary Path	organ system(EI organ(EMAPA:162 metanephros(EM2	APA:17373), renal MAPA:27690), neph	eral stem(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), 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(El	tem(EMAPA:17366), developing		
	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)] 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 vasculature(EM			
	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:257 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 medul portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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 medull portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)] 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), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medull portion(EMAPA:28322), proximal straight tubule(EMAPA:28862)] 4. [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), renal medulla(EMAPA:28310), loop of Henle, outer medulla(EMAPA:28310), loop of Henle, outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), proximal straight tubule(EMAPA:283862)]			
	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 anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),		

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

Modified Component 82				
ID	EMAPA:28859	Is Group Term	false	
Name	muscle layer of 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	itium			
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>				
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28083) has order entry <2 for EMAPA:17948>				

Modified Component 86				
ID	EMAPA:28844	Is Group Term	false	
Name	ureteral smooth 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 strom	a 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			
		1), female reprod 9), ovary(EMAPA:1	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	t Order - This conferenced Componen 2 for EMAPA:17962	t (EMAPA:28880)

Modified Component 89				
ID	EMAPA: 28069	Is Group Term	false	
Name	developing vas	developing vasculature of medulla		
Starts At	TS22	Ends At	TS22	
Primary Parents	EMAPA:19279[revasculature]	nal medulla] EMAF	PA:28457[renal	
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM	APA:17373), renal 19279), developir	eral stem(EMAPA:17366),	
Alternate Paths	organ system(E organ(EMAPA:16 developing vas GROUP(JFA:0001	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of medulla(EMAPA:28069)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 urinary system	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(FMAPA: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 vasculatur medulla(EMAPA:28069)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1	6039), organ syst (EMAPA:16245), ur 7366), metanephro EMAPA:19279), dev	rinary	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries;	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		eral tem(EMAPA:17366),	
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:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]		
4. [Abstract anatomy(EMAPA:0), mouse(EMAPembryo(EMAPA:16039), organ system(EMAPA:1 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17 collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), medullary collecting duct(EMAPA:28061)]			
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	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), 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	
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP	.omy(EMAPA:0), mou: 9), organ system(1 IAPA:16245), urina: 6), metanephros(El 2A:17952), develop: 8029), venous(EMA	EMAPA:16103), ry MAPA:17373), ing vasculature	
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 Componer	nt 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.		
		t Order - This co ferenced Componen 0 for EMAPA:28029	t (EMAPA:28035)

Modified Component 94				
ID	EMAPA:28811	Is Group Term	false	
Name	ureteral smooth m	ureteral smooth muscle 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	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	organ systorgan(EMA) developing GROUP(JFA	tem(EMAF PA:16245 g vascul :0001008	natomy(EMAPA:0), mouse(EMAPA:25765), MAPA:16103), visceral 245), urinary system(EMAPA:17366), culature of urinary system 008), renal vasculature(EMAPA:28457), culature 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:25765 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature cortex(EMAPA:28029)]				EMAPA:16103), ry
	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.				
	order enti	ries; Re		nponen	mponent has no t (EMAPA:28029) >
	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 Componen	t 98			
	renal vasculature(EMAPA:28457), developing vasculature of cortex(EMAPA:28029), capillary(EMAPA:28039)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 urinary system GR vasculature(EMAPA	comy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 36), developing va COUP(JFA:0001008), A:28457), developi 29), capillary(EMA	EMAPA:16103), ry sculature of renal ng vasculature of	
	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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP	comy(EMAPA:0), mou 19), organ system(MAPA:16245), urina 16), metanephros(E PA:17952), develop 18029), capillary(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: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	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 urothelium(EMAPA:	omy(EMAPA:0), mous 9), organ system(1 APA:16245), urina 6), ureter(EMAPA: 28089), deep cell), basal cell lay	EMAPA:16103), ry 17950), ular	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	t Order - This conferenced Component ferenced EMAPA:28101:	t (EMAPA:28806)	

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					
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP	tomy(EMAPA:0), mo 19), organ system(1 IAPA:16245), urina: 6), metanephros(El A:17952), cortica 6), renal connect 1)]	EMAPA:16103), ry MAPA:17373), l renal		
	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.				
	order entries; Re	t Order - This conferenced Componen 5 for EMAPA:18976	t (EMAPA:28011)		

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			TS24
Primary Parents	EMAPA:18976[cortical renal tubule]		
	EMAFA: 10970[COICI		
Group Parents			
Synonyms]L	-/ TIMA DA • O)	DWADA + 25765)
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA	52), cortical rena 76), early distal	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), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), early distal tubule(EMAPA:28007)]		
	7. [Abstract 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	Is Group Term	false	
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.			
	order entries; Re	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	JFA:0001009[devel system GROUP] EMA	oping vasculature PA:17962[ovary]	of reproductive	
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of ovary(EMAPA:28888)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), developing vasculature of reproductive system GROUP(JFA:0001009), developing vasculature of ovary(EMAPA:28888)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), developing vasculature of ovary(EMAPA:28888)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28888) has order entry <14 for EMAPA:17962>			
	3. Different Parents - Referenced Component EMAPA:28888 has parents [EMAPA:17962]			

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

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

Modified Component 109				
ID	EMAPA: 27625 Is Group Term false			
Name	ureteric tip			
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:17376[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 artery(EMAPA:283	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA: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)]		
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:314	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal artery(EMAPA:28373), endothelial layer of renal artery(EMAPA:29976)]			

Modified Component 115				
	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: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 mesen	chyme		
Starts At	TS17	Ends At	TS17	
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), 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 Componen	t 119	

Modified Component 119				
ID	EMAPA:27617	Is Group Term	false	
Name	rostral			
Starts At	TS19	Ends At	TS19	
Primary Parents	EMAPA:27615[parametanephric mesenchyme]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615), rostral(EMAPA:27617)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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 mesenchyme				
Starts At	TS19	Ends At	TS19		
Primary Parents	EMAPA:17366[urinary system]				
Group Parents					
Synonyms	[associated mesenchyme]				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615)]				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), parametanephric mesenchyme(EMAPA:27615)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	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 nerves				
Starts At	TS23	Ends At	TS28		
Primary Parents	EMAPA:19279[renal medulla]				
Group Parents					
Synonyms	[]				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary nerves(EMAPA:31354)]				

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)]				
	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	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. Different Order - This component 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 vag	gina	
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:30997[muscu EMAPA:18999[lower	lar layer of vaging part of vagina]	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), 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>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29061) has order entry <1 for EMAPA:18999>			

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

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	up Parents			
Synonyms	[]			

Modified Component 135				
Primary Path	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192	279), renal medullary PA:18326), renal medullary		
Alternate Paths	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA group(EMAPA:28518	comy(EMAPA:0), mouse(EMAPA:25765), PA:16103), visceral 5), urinary system(EMAPA:17366), A:17373), renal interstitium B), renal medullary PA:18326), renal medullary A:31326)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary interstitium(EMAPA:18326), renal medullary fibroblasts(EMAPA:31326)]			
Rule Status	PASSED	Edit Status CHANGED		
Comments	1.			
	2. Different End Stage - Referenced Component EMAPA:31326 has End Stage [TS28]			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31326) has order entry <0 for EMAPA:18326>			

Modified Component 136			
ID	EMAPA: 27663	Is Group Term	false
Name	nephric duct, mes	onephric portion	
Starts At	TS19	Ends At	TS19
Primary Parents	EMAPA: 28429 [nephr EMAPA: 27644 [meson		
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 Is Group Term false			
Name	ductal epithelium	of anterior pros	tate	
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29796[anterior prostatic epithelium]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory			

Modified Component 152					
	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	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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]			
	organ system(E organ(EMAPA:16 system(EMAPA:1 system(EMAPA:1 genitalia(EMAPA female(EMAPA:1 surface epithe	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), surface epithelium of glans clitoris(EMAPA:30720)]			
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive			em(EMAPA:16103), eproductive	

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]	JI		
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	uluctive scle of pris(EMAPA:19169),		
Alternate Paths	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 structure(EMAPA: female(EMAPA:186 mesenchyme of cr 2. [Abstract ana organ system(EMAPA:0rgan(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 genitalia(EMAPA:	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:17381), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169),			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 female(EMAPA:186	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169) mesenchyme of crus of clitoris(EMAPA:30725)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), mesenchyme of crus of clitoris(EMAPA:30725)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1. 2. 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 g	land		
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)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), crus of clitoris(EMAPA:19169), surface epithelium of crus of clitoris(EMAPA:30730)]		

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

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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30755) has order entry <5 for EMAPA:17962>		

Modified Component 164			
ID	EMAPA:29014	Is Group Term	false
Name	medullary 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30767) has order entry <1 for EMAPA:30763>		

Modified Component 166				
ID	EMAPA:30765			
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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30769) has order entry <3 for EMAPA:30763>		

Modified Component 168			
ID	EMAPA:31379	Is Group Term	false
Name	premacula segment	of distal straig	ht 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 stubule(EMAPA:2839 straight) 2. [Abstract anatorgan system(EMAPA:0rgan(EMAPA:16245 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 interstit	ium of ventral pro	ostate
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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30763) has order entry <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 Componer	ent 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	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 gland(EMAPA:19285	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc 8), male accessor), prostate gland gland(EMAPA:29836	EMAPA:16103), ductive tive Y (EMAPA:19287),	

Modified Component 172			
	prostatic interstitium(EMAPA:29844)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	nt Order - This con eferenced Componen 1 for EMAPA: 29836	t (EMAPA:29844)

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

Modified Component 174				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), epithelial layer of crus penis(EMAPA:29852)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA: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 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738 system(EMAPA:1738) genitalia(EMAPA:3	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:10, corpus spongio PA:10, male reproductive PA:10, male reproductive PA:10, male reproductive PA:10977), male 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	rimary 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 macropha	ge of the outer m	edulla
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), resides macrophage of the outer medulla(EMAPA:31389)]			
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), outer medullary interstitium(EMAPA:28337), resident macrophage the outer medulla(EMAPA:31389)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), resident macrophage of the outer medulla(EMAPA:31389)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31389 has order entry <1 for EMAPA:28337>			

Modified Component 181			
ID	EMAPA:29838	Is Group Term	false
Name	ventral 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 interstitium]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31384) has order entry <0 for EMAPA:28337>		

Modified Component 183			
ID	EMAPA:30771	Is Group Term	false
Name	antrum of tertiary follicle		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:30763[tertiary follicle]		
Group Parents			
Synonyms	[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), 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)		

has order entry <2 for EMAPA:30763>

Modified Componer	EMAPA: 29832	Is Group Term	false	
Name	smooth muscle of lateral prostate			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29830[later	EMAPA:29830[lateral prostatic interstitium]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), lateral prostate gland(EMAPA:29822), lateral prostatic interstitium(EMAPA:29830), 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 tertiary 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				
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 Is Group Term false		
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[lateral prostatic epithelium]			
Group Parents				
Synonyms	[secretory epithelium]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287),			

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

Modified Component 201				
ID	EMAPA:31399	Is Group Term	false	
Name	inner medullary 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			
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	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796 gland(EMAPA:19285 dorsal prostate g	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc 8), male accessor), prostate gland land(EMAPA:29808) ium(EMAPA:29810),	EMAPA:16103), ductive tive y (EMAPA:19287), , dorsal

Modified Component 212			
	epithelium of dorsal prostate(EMAPA: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)]		
	embryo(EMAPA:1603	omy(EMAPA:0), mou 9), organ system(APA:16245), repro	EMAPA:16103),

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

Modified Component 215			
ID	EMAPA:29816	Is Group Term	false
Name	dorsal prostatic	interstitium	
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29808[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	1.		
	order entries; Re	t Order - This co ferenced 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:30997[muscu EMAPA:18987[upper		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),

i

Modified Component 216				
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), muscular layer of vagina(EMAPA:30997), muscular layer of upper part of vagina(EMAPA:29055)]			
	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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), lower part of vagina(EMAPA:18999), epithelial layer of lower part of vagina(EMAPA:29058)]		
Alternate Paths	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	<pre>lupper part of vagina(EMAPA:29052)] 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)]</pre>		
		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[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), 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 Compone	ent 227				
ID	EMAPA:18326	Is Group Term	false		
Name	renal medullary	interstitium	•		
Starts At	TS22	Ends At	TS24		
Primary Parents	EMAPA: 28518[rena EMAPA: 19279[rena	al interstitium gr al medulla]	oup]		
Group Parents					
Synonyms	[medullary stro	ma]			
Primary Path	organ system(EMA organ(EMAPA:162- metanephros(EMA	my(EMAPA:0), mouse APA:16103), viscer 45), urinary syste PA:17373), renal 9279), renal medul APA:18326)]	cal em(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), 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>			
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:1832) has order entry <7 for EMAPA:28518>				

Modified Component 228			
ID	EMAPA:18329	Is Group Term	false

Modified Component 228					
Name	labial swelling	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	organ system(EMAP 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)]			
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>				
	order entries; Re	t Order - This co ferenced Componen 3 for EMAPA:30984	t (EMAPA:18329)		

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	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 structure(EMAPA:2 tubercle(EMAPA:18 2. [Abstract anatembryo(EMAPA:1603	1), female reprod 9), female associ 8540), Mllerian	uctive ated reproductive se(EMAPA:25765), EMAPA:16103),

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	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.			
	order entries; Re	nt Order - This co eferenced Componer 2 for EMAPA:28364	nt (EMAPA:31409)	

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	organ system(EMAF organ(EMAPA:16245 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), 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	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), 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.		
	order entries; Re	t Order - This co ferenced Componen 1 for EMAPA:17950	t (EMAPA:27708)

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>		

Modified Component 234			
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	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), 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:28533[male associated reproductive structure] EMAPA:17968[male reproductive system]		

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

Modified Component 236			
ID	EMAPA:19088	Is Group Term	false
Name	ejaculatory duct		
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:17968[male	reproductive 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), 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.		
	order entries; Re	t Order - This conferenced Componen 16 for EMAPA:1796	t (EMAPA:19088)

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

Modified Component 237				
Primary Parents	EMAPA:17959[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	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				
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			
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	t 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	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	nis		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:18988[glans	s penis]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), rest of glans penis(EMAPA:29860)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29860) has order entry <4 for EMAPA:18988>			

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

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

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

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

Modified Component 258			
ID	EMAPA: 29856	Is Group Term	false
Name	corpus spongiosum		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:18988[glans penis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), glans penis(EMAPA:18988), corpus spongiosum(EMAPA:29856)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. 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:27721[nephr EMAPA:28407[colle		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			
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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29870) has order entry <1 for EMAPA:29866>			

Modified Component 268				
ID	EMAPA:31476			
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. Different Order - This component has no order entries; Referenced Component (EMAPA:31476) has order entry <5 for EMAPA:17972>			

Modified Component 269				
ID	EMAPA:31478			
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	е
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	EMAPA:16103), vi 6245), urinary s MAPA:17373), cap PA:27770), parie	system(EMAPA:17366), billary loop renal	
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)]		
	embryo(EMAPA: visceral orga system(EMAPA: capillary loo	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: 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	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27774) has order entry <1 for EMAPA:27770>		

Modified Component 276			
ID	EMAPA:31426	Is Group Term	false
Name	periarterial 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	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral		

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

Modified Component 277				
ID	EMAPA: 27764	Is Group Term	false	
Name	proximal segment	of s-shaped body		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:27756[s-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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27766) has order entry <0 for EMAPA:27764>			

Modified Component 280				
ID	EMAPA:27768	Is Group Term	false	
Name	parietal 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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27768) has order entry <1 for EMAPA:27764>			

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.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31428) has order entry <1 for EMAPA:31384>				

Modified Component 282				
ID	EMAPA:27762	Is Group Term	false	
Name	medial segment of	s-shaped body		
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:27756[s-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:17373[metan	ephros] EMAPA:179	54[early nephron

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

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

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

Modified Component 286				
ID	EMAPA:31418	Is Group Term	false	
Name	rest of medullary	renal tubule		
Starts At	TS24	Ends At	TS24	
Primary Parents	EMAPA:28049[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	ed Component 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)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), developing vasculature of metanephros(EMAPA:27794)]			

Modified Component 288				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]			
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), developing vasculature of metanephros(EMAPA:27794)]			
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), developing vasculature of metanephros(EMAPA:27794)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Name - Referenced Component EMAPA:27794 has name [developing vasculature]			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27794) has order entry <13 for EMAPA:17373>			
		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	[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	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			
	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)]				
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 female(EMAPA:186 female(EMAPA:306	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), preputial gland of female(EMAPA:30711)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries; R	nt Order - This co eferenced Componer <1 for EMAPA:30699	nt (EMAPA:30711)		

Modified Compor			false		
ID	EMAPA: 30715				
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)]			
	embryo(EMAP visceral or system(EMAP system(EMAP structure(E female(EMAP	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), glans clitoris(EMAPA:19170), mesenchyme of glans clitoris(EMAPA:30715)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	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)]			
	<pre>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)]</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), 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.			
	order entries; Re	t Order - This co ferenced Componen 28 for EMAPA:1737	t (EMAPA:31443)	

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

Modified Component 298			
ID	EMAPA:27782	Is Group Term	false
Name	renal tubule		
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:17954[early 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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	omy(EMAPA:0), mous 9), organ system(1 APA:16245), urina: 6), metanephros(El UP(EMAPA:17954),	EMAPA:16103), ry MAPA:17373),

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 GROUP(JFA:0001008), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium or 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:25 embryo(EMAPA:16039), organ system(EMAPA:16103 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), presumptive endother of renal corpuscle(EMAPA:27780)]			EMAPA:16103),
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), capillary loop renal corpuscle(EMAPA:27770), presumptive endothelium of renal corpuscle(EMAPA:27780)]		
	7. [Abstract 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:17959), genital tubercle of female(EMAPA:18680), prepuce of female(EMAPA:30699), prepuce mesenchyme of female(EMAPA:30703)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:30699), 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		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 structure(EMAPA:2 female(EMAPA:1868	9), prepuce mesen	EMAPA:16103), ductive uctive ated reproductive percle of		
	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	organ system(EMA organ(EMAPA:1624 metanephros(EMAP GROUP(EMAPA:1795 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), 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	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				
	system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), peritubular fibroblasts of inner medulla(EMAPA:31432)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31432) has order entry <1 for EMAPA:31399>			

Modified Component 307				
ID	EMAPA:31434	Is Group Term	false	
Name	periarterial 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:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364), inner medullary fibroblast(EMAPA:31399), periarterial fibroblasts of inner medulla(EMAPA:31434)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.		<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	oblasts 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:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337), outer medullary fibroblast(EMAPA:31384), periarterial fibroblasts of outer medulla(EMAPA:31430)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31430) has order entry <0 for EMAPA:31384>			

Modified Component 309				
ID	EMAPA:30429	Is Group Term	false	
Name	surface 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:17959), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423), mesenchyme of labioscrotal swelling of female(EMAPA:30426)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30426) has order entry <1 for EMAPA:30423>			

Modified Component 311					
ID	EMAPA:30423	Is Group Term	false		
Name	labioscrotal 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:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labioscrotal swelling of female(EMAPA:30423)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labioscrotal swelling of female(EMAPA:30423)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.	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	r(EMAPA:0), mouse(PA:16103), viscera b), reproductive B1), female reprod B9), labial swelli c of labial swelli	luctive	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), labial swelling(EMAPA:18329), mesenchymal layer of labial swelling(EMAPA:30433)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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 anat embryo(EMAPA:1603 visceral organ(EM		EMAPA:16103),	

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

Modified Component 315				
ID	EMAPA:29316	Is Group Term	false	
Name	scrotal fold			
Starts At	TS24	Ends At	TS27	
Primary Parents		reproductive syst external genitali		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAI organ(EMAPA:1624! system(EMAPA:1738	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotal fold(EMAPA:29316)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotal fold(EMAPA:29316)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29316) has order entry <22 for EMAPA:17968>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29316) has order entry <3 for EMAPA:30977>			

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

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

Modified Component 317				
ID ID	EMAPA:30484	Is Group Term	false	
Name	distal genital tubercle of female			
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:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), distal genital tubercle of female(EMAPA:30484)]			
	5. [Abstract 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 Compor	nent 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	er genrear caperer	e or remare;
Synonyms	[]		
Primary Path	[Abstract anatomy organ system(EMAPA: 16245 system(EMAPA: 1738 system(EMAPA: 1795 female(EMAPA: 1868	31), female reprod 59), genital tuber 30), distal genita 34), mesenchyme of	l uctive cle of l tubercle of
Alternate Paths	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795 structure(EMAPA:2 female(EMAPA:1868	31), female reprod 59), female associ 28540), genital tu 30), distal genita 34), mesenchyme of	l uctive ated reproductive bercle of l tubercle of
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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 genit tubercle of female(EMAPA:30484),		l uctive al bercle of l tubercle of
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 female(EMAPA:1868	comy(EMAPA:0), mou 39), organ system(MAPA:16245), repro- 31), female reprod- 39), genital tuber 30), distal genita 34), mesenchyme of ae(EMAPA:30487)]	EMAPA:16103), ductive uctive cle of l tubercle of
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 structure(EMAPA:2 female(EMAPA:1868 female(EMAPA:3048 tubercle of femal	comy(EMAPA:0), mou 39), organ system(MAPA:16245), repro- 31), female reprod- 39), female associal 28540), genital tulous, distal genital 34), mesenchyme of ae(EMAPA:30487)]	EMAPA:16103), ductive uctive ated reproductive bercle of l tubercle of distal genital
		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:30484)]		
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:30490)]	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproduct 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:30484)]		eral e roductive ociated reproductiv tubercle of ital tubercle of ithelium of distal
	organ system(EM organ(EMAPA:162 system(EMAPA:17 system(EMAPA:17 genitalia(EMAPA female(EMAPA:18 female(EMAPA:30	MAPA:16103), visc (45), reproductiv (381), female rep (959), female ext (30984), genital (680), distal gen	e roductive ernal tubercle of ital tubercle of ithelium of distal
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 female(EMAPA:18 female(EMAPA:30	039), organ syst EMAPA:16245), re 381), female rep 959), genital tu 680), distal gen	productive roductive bercle of ital tubercle of ithelium of distal
	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 Componen	t 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	[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:2576 organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:177959), female associated reproduc structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), mesenchyme of female prepuswelling(EMAPA:30493)]		eral e roductive ociated reproductive tubercle of swelling of
organ syst organ(EMAP system(EMA system(EMA genitalia(female(EMA		APA:16103), visc 15), reproductiv 181), female rep 159), female ext 130984), genital 180), preputial 178), mesenchyme 180493)]	e roductive ernal tubercle of swelling of of female preputial
	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 Componen	at 320		
		0), preputial swe 8), mesenchyme of 493)]	
	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.		
		t Name - Reference ame [mesenchyme o e]	
	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 Compor	nent 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:30490)]	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductistructure(EMAPA:28540), genital tubercle of female(EMAPA:18680), preputial swelling of female(EMAPA:30478), preputial gland of female(EMAPA:30499)]		l uctive ated reproductive bercle of lling of
	organ system(EMA) organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 genitalia(EMAPA: female(EMAPA:186	81), female reprod 59), female extern 30984), genital tu 80), preputial swe 78), preputial gla	l uctive al bercle of lling of
3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 embryo(EMAPA:16039), organ system(EMAPA:1610 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)]		EMAPA:16103), ductive uctive cle of lling of	
	embryo(EMAPA:160 visceral organ(E	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 81), female reprod	EMAPA:16103), ductive

Modified Component 321			
	structure(EMAPA: 2 female(EMAPA: 1868	28540), genital tu 30), preputial swe 78), preputial gla	lling of
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795 genitalia(EMAPA:3 female(EMAPA:1868	comy(EMAPA:0), mou 39), organ system(MAPA:16245), repro 31), female reprod 59), female extern 30984), genital tu 30), preputial swe 78), preputial gla	EMAPA:16103), ductive uctive al bercle of lling of
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 Componen	t 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.		
	order entries; Re	t Order - This conferenced Componen 9 for EMAPA:17968	t (EMAPA:29307)

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

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

Modified Component 325				
ID	EMAPA:29313	Is Group Term	false	
Name	internal inguinal	ring		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:29307[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. Different Order - This component has no			

Modified Component 326

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

Modified Component 327				
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	
			Taise	
Name	urethral epithel	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 Componer	 nt 328			
	male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), urethral epithelium of male(EMAPA:30467)]			
	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	gone		
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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), coelomic epithelium of male mesonephros(EMAPA:30460)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesonephros of male(EMAPA:29138), coelomic epithelium of male mesonephros(EMAPA:30460)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30460) has order entry <6 for EMAPA:29138>			

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:30984)] 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)]		
	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 anat	omy(EMAPA:0), mou	se(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)]				
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795	comy(EMAPA:0), mounds 39), organ system(38), reprod 31), female reprod 59), genital tuber 30), urethral epit	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), 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 Component 337				
Primary Parents				
Group Parents	EMAPA:17952[renal	cortex]		
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30449) has order entry <17 for EMAPA:17952>			

Modified Component 338				
ID	EMAPA:28637	Is Group Term	false	
Name	detrusor muscle 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				
	visceral organ(EM system(EMAPA:1738 system(EMAPA:1796	9), organ system(1 IAPA:16245), reproduction, male reproduction, epididymis(EM.didymis(EMAPA:304	ductive tive APA:19290),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30443) has order entry <10 for EMAPA:19290>			

Modified Component 340				
ID	EMAPA:28643	Is Group Term	false	
Name	detrusor muscle 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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28643) has order entry <0 for EMAPA:28637>			

Modified Component 341			
ID	EMAPA:17646	Is Group Term	false
Name	primitive 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	nt 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 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), cap mesenchyme(EMAPA:17645)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone GROUP(JFA:0001007), cap mesenchyme(EMAPA:17645)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), cap mesenchyme(EMAPA:17645)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	comy(EMAPA:0), mou 19), organ system(MAPA:16245), urina 56), metanephros(E GROUP(JFA:0001007 17645)]	EMAPA:16103), ry MAPA:17373),	
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries; Re	nt Order - This co eferenced Componen 44 for EMAPA:17373	t (EMAPA:17645)	
		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 conferenced 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 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 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:17952[renal cortex] EMAPA:17954[early nephron GROUP] EMAPA:28500[early tubule]		
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	Is Group Term	false	
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 Componen	t 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[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:30984[femal	e reproductive sy e external genita e associated repro	lia]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738	1), female reprodu 9), genital tubero	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)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1795	omy(EMAPA:0), mous 9), organ system(1 APA:16245), reprod 1), female reprod 9), female associa 8540), genital tul	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				
		31), male reproduc 58), testis(EMAPA: 1(EMAPA:18685)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), seminiferous cord(EMAPA:18685)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18685) has order entry <4 for EMAPA:17972>			

Modified Component 359				
ID	EMAPA:18687	Is Group Term false		
Name	interstitium of 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 Componen	t 360		
ID	EMAPA:18682	Is Group Term	false
Name	penis		
Starts At	TS25	Ends At	TS28
Primary Parents		external genitalia reproductive syst	
Group Parents			
Synonyms	[genital tubercle of male]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Componen	t 360		
	visceral organ(EM system(EMAPA:1738	9), organ system(APA:16245), reproduc 1), male reproduc 8), penis(EMAPA:1	ductive tive
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796	omy(EMAPA:0), mou 9), organ system(APA:16245), repro 1), male reproduc 8), male external 0977), penis(EMAP	EMAPA:16103), ductive tive
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 Compon	ent 361			
ID	EMAPA:18681	Is Group Term	false	
Name	ductus deferens			
Starts At	TS23	Ends At	TS28	
Primary Parents	EMAPA: 28533[male EMAPA: 17968[male	associated reproductive syst	ductive structure]	
Group Parents				
Synonyms	[vas deferens]			
Primary Path	organ system(EMA organ(EMAPA:1624 system(EMAPA:173	y(EMAPA:0), mouse PA:16103), viscera 5), reproductive 81), male reproduc 68), ductus defera	al ctive	
Alternate Paths	organ system(EMA organ(EMAPA:1624 system(EMAPA:173 system(EMAPA:179 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)] 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(E system(EMAPA:173			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 system(EMAPA:179 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.			
	order entries; R	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18681) has order entry <13 for EMAPA:17968>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:18681) has order entry <3 for EMAPA:28533>			

Modified Componen	t 362		
ID	EMAPA:18678	Is Group Term	false

Modified Componen	t 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 Componer	nt 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>			
	3. Different Start Stage - Referenced Component EMAPA:18679 has Start Stage [TS21]			

Modified Componen	t 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	[]		
Primary 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 Componer	ıt 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 Componen	t 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), s-shaped body(EMAPA:27853), medial segment of s-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	organ system(EML organ(EMAPA:162 metanephros(EMAL cortex(EMAPA:17 shaped body(EMAL	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)]	
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		
			em(EMAPA:16103), inary s(EMAPA:17373), aped

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	renal connecting tubule of s-shaped body				
Starts At	TS22	Ends At	TS27			
Primary Parents	EMAPA:27853[s-	shaped body]	·			
Group Parents						
Synonyms	[]					
Primary Path	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				
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),			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:2785 renal connecting tubule of s-shaped body(EMAPA:27865)]					
	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), renal connecting tubule of shaped body(EMAPA:27865)]					
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), renal connecting tubule of s-shaped body(EMAPA:27865)]					
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:0) embryo(EMAPA:16039), organ system(EMAPA:16 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:173early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), renal connecting tubule			em(EMAPA:16103), inary s(EMAPA:17373), s), s-shaped			

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

Modified Component 368					
ID	EMAPA: 27871	Is Group Term	false		
Name	distal segment	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), shaped body(EMAPA:27853), distal segment of shaped body(EMAPA:27871)]			
	organ system(EM organ(EMAPA:162 metanephros(EMA GROUP(EMAPA:179	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)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 renal cortex(EM body(EMAPA:2785				
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 renal cortex(EM tubule(EMAPA:28				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), distal segment of s-shaped body(EMAPA:27871)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27871) has order entry <1 for EMAPA:27853>			

Modified Component 369				

Modified Compor	1		folgo			
ID	EMAPA: 27853	Is Group Term	false			
Name	s-shaped body					
Starts At	TS22	Ends At	TS27			
Primary Parents		EMAPA:28500[early tubule] EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP]				
Group Parents						
Synonyms	[stage II nephr	on]				
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA	PA:17373), renal				
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)]				
	organ system(EM organ(EMAPA:162 metanephros(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), s-shaped body(EMAPA:27853)]				
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 renal cortex(EM	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769 embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853)]				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25embryo(EMAPA:16039), organ system(EMAPA:16103visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373)renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:2785					
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 early nephron G	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853)]				
Rule Status	PASSED	Edit Status	CHANGED			
Comments	1.					
	2. Different Order - This component has order entries; Referenced Component (EMAPA:27 has order entry <1 for EMAPA:28500>					
	order entries;	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27853) has order entry <2 for EMAPA:17952>				
	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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),			

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

Modified 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	7			
Starts At	TS22	Ends At	TS27		
Primary Parents	EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP]				
Group Parents					
Synonyms	[]				
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), 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 mesonephr	ic 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	1		
ID	EMAPA:29274	Is Group Term	false
Name	epithelium of duc	tus 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:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 375				
	<pre>system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), epithelium of ductus deferens(EMAPA:29274)]</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 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(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)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29270) has order entry <1 for EMAPA:18681>			

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

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

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

Modified Component 379				
ID	EMAPA: 29288			
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	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

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

Modified Component 381			
ID	EMAPA:29282	Is Group Term	false
Name	duct of the 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 glome	rulus 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	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of female(EMAPA:30544), mesonephric glomerulus of female(EMAPA:30547)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

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

Modified Component 383			
ID	EMAPA:30544	Is Group Term	false
Name	cranial mesonephr	ic tubule of fema	le
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 mesonephri	c 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	ic 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:17988), 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 m	esonephric 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:30550)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), mesonephric tubule of female(EMAPA:28919), cranial mesonephric tubule of themale(EMAPA:30544), rest of cranial mesonephric tubule of tubule of female(EMAPA:30540)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:30544	t (EMAPA:30550)

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:17368), 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				
Name	surface epithelium of male preputial swelling				
Starts At	TS21 Ends At TS23				
Primary Parents	EMAPA:29220[preputial swelling of male]				
Group Parents					

Modified Component 390				
Synonyms	[]			
Primary Path	[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			
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	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)]			
	embryo(EMAPA:10 visceral organ system(EMAPA:11 system(EMAPA:11	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 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.				
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30509) has order entry <2 for EMAPA:30977>			
	order entries;	3. Different Order - This component has no order entries; Referenced Component (EMAPA:30509) has order entry <23 for EMAPA:17968>			

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

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

Modified Component 395				
ID	EMAPA:30502	Is Group Term	false	
Name	preputial gla	nd 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:30502)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	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	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), preputial swelling of male(EMAPA:29220), preputial gland of male(EMAPA:30502)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of			

Modified Component 395					
		, 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 Component 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	[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)]			65),	
	embryo(EMAPA: visceral orga system(EMAPA: system(EMAPA: structure(EMAPA:17	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				

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

Modified 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	l. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:17381), male 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:6245), reproductive system(EMAPA:17968), male associated reproductive system(EMAPA:17969), glans of male genital tubercle of male(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:29254)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17969), glans of male genital tubercle(EMAPA:17969), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17969), glans of male genital tubercle of male(EMAPA:17969), glans of male genital tubercle emapa:29254)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), mesenchyme of glans of male genital tubercle(EMAPA:29254)]		
Rule Status	PASSED	Edit Status	CHANGED

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

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:	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]			
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 glan of male genital tubercle(EMAPA:29256)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glan of male genital tubercle(EMAPA:29256)]				
			embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 structure(EMAPA: male(EMAPA:1796 tubercle(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), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), glans of male genital tubercle(EMAPA:29252), surface epithelium of glans of male genital tubercle(EMAPA:29256)]				
			PASSED	Edit Status
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		omy(EMAPA:0), mou A:16103), viscera		

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

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

Modified Component 403				
Synonyms	[glans of male]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17386), 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: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 epitheliu male	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:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29209)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969), distal genital tubercle of male(EMAPA:29205), surface epithelium of distal genital tubercle of male(EMAPA:29205)]		
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.			
	order entries; Re	t Order - This con ferenced Componen 0 for EMAPA:30556	t (EMAPA:30560)	

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	The struct Tabule (EMAPA: 30562)		

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

Modified Component 408			
ID	EMAPA:30565	Is Group Term	false
Name	rest of cranial mesonephric tubule		
Starts At	TS17	Ends At	TS18
Primary Parents	EMAPA:30562[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.		
		t Order - This co ferenced Componen	

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]		
	order entries; Re	t Order - This co ferenced Componen 14 for EMAPA:1795	t (EMAPA:28506)

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 inters	titium of renal co	orpuscle	
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:28518[renal EMAPA:27907[capil	interstitium groulary loop renal co	up] 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), 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 Componen	t 421		
	<pre>metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907), visceral epithelium(EMAPA:27913)]</pre>		
	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA		l (EMAPA:17366), phron
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP loop stage nephro	omy(EMAPA:0), mousely, organ system() APA:16245), urina:6), metanephros(E) A:17952), developin GROUP(EMAPA:285) cle(EMAPA:27907), 27913)]	EMAPA:16103), ry MAPA:17373), ing capillary 06), capillary
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP	7), capillary loom 7907), visceral	EMAPA:16103), ry MAPA:17373),
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736	omy(EMAPA:0), mou 9), organ system(APA:16245), urina: 6), metanephros(El A:17952), capilla: 7907), visceral 27913)]	EMAPA:16103), ry MAPA:17373),
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRO	omy(EMAPA:0), mou 9), organ system(1 APA:16245), urina: 6), metanephros(El UP(EMAPA:17954), MAPA:27907), visc 27913)]	EMAPA:16103), ry MAPA:17373), capillary loop
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
		t Order - This co ferenced Componen 4 for EMAPA:27907	t (EMAPA:27913)

Modified Component 422			
ID	EMAPA:27919	Is Group Term	false
Name	parietal epitheli	um	
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 syste	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 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.		
	order entries; Re	t Order - This cor ferenced Component 26 for EMAPA:1796	(EMAPA:28533)

Modified Component 424				
ID	EMAPA:27943	Is Group Term	false	
Name	maturing rena	l corpuscle		
Starts At	TS22	Ends At	TS27	
Primary Parents	immature neph	ate tubule] EMAPA: ron] EMAPA:28485[m enal cortex] EMAPA		
Group Parents				
Synonyms	[renal corpus	cle of Stage IV ne	phron]	
Primary Path	organ system() organ(EMAPA:10 metanephros(EN 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), maturing renal corpuscle(EMAPA:27943)]		
Alternate Paths				
	organ system() organ(EMAPA:10 metanephros(EN cortex(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), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943)]		
	organ system() organ(EMAPA:10 metanephros(EI cortex(EMAPA:	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() organ(EMAPA:10 metanephros(EI	EMAPA:16103), visc 6245), urinary sys MAPA:17373), early 7954), maturing re	tem(EMAPA:17366), nephron	
	embryo(EMAPA: visceral organ system(EMAPA: stage IV imma	anatomy(EMAPA:0), 16039), organ syst n(EMAPA:16245), ur 17366), metanephro ture nephron(EMAPA le(EMAPA:27943)]	inary s(EMAPA:17373),	
	embryo(EMAPA: visceral organ system(EMAPA: renal cortex()	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)]		
	embryo(EMAPA: visceral organ system(EMAPA: renal cortex()	16039), organ syst n(EMAPA:16245), ur 17366), metanephro EMAPA:17952), late 28527), 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.				
	order en	tries; Re	t Order - This ferenced Compor 0 for EMAPA:284	nent (EMA)	t has no PA:27943)
	order en	tries; Re	t Order - This ferenced Compor 0 for EMAPA:284	nent (EMA)	
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27943) has order entry <1 for EMAPA:28527>				
	order en	tries; Re	t Order - This ferenced Compor 4 for EMAPA:179	nent (EMA	t has no PA:27943)
	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			
ID	EMAPA:27949	Is Group Term	false
Name	maturing glomerular tuft		
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27943[maturing renal corpuscle]		

Modified 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 str	ucture
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:2576) 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:28457[renal vasculature] EMAPA:27907[capillary loop renal corpuscle]			
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 adventitia]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), outer layer(EMAPA:28570)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28570) has order entry <3 for EMAPA:27711>			

Modified Component 431			
ID	EMAPA:27907	Is Group Term	false
Name	capillary loop re	nal corpuscle	
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:17954[early nephron GROUP] EMAPA:28506[developing capillary loop stage nephron GROUP] EMAPA:17952[renal cortex] 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		

Modified Componer	ut 431				
	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)]				
	<pre>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)]</pre>				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]				
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), capillary loop renal corpuscle(EMAPA:27907)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), capillary loop renal corpuscle(EMAPA:27907)]				
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), capillary loop renal corpuscle(EMAPA:27907)]				
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), capillary loop renal corpuscle(EMAPA:27907)]				
Rule Status	PASSED Edit Status CHANGED				
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <0 for EMAPA:28506>				
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <0 for EMAPA:28527>				
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <3 for EMAPA:17952>				
	5. Different Order - This component has no order entries; Referenced Component (EMAPA:27907) has order entry <8 for EMAPA:17954>				

Modified Component 432			
ID	EMAPA:28567	Is Group Term	false
Name	middle layer		
Starts At	TS21	Ends At	TS22
Primary Parents	EMAPA:27711[ureteral mesenchyme]		
Group Parents			
Synonyms	[presumptive ureteral smooth muscle layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		

Modified Component 432			
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), ureter(EMAPA:17950), ureteral mesenchyme(EMAPA:27711), middle layer(EMAPA:28567)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28567) has order entry <1 for EMAPA:27711>		

Modified Component 433				
ID	EMAPA:27901	Is Group Term	false	
Name	parietal epithel	parietal epithelium		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:27883[prox	imal segment of s-	-shaped body]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 proximal segment	[Abstract anatomy(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(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 shaped body(EMAP shaped body(EMAP)	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]		
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP GROUP(EMAPA:1795 proximal segment			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), early tubule(EMAPA:28500), s-shaped body(EMAPA:27853), proximal segment of s-shaped body(EMAPA:27883), parietal epithelium(EMAPA:27901)]			
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 early nephron GR		EMAPA:16103), ary MAPA:17373), s-shaped	

Modified Component 433			
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Differen order entries; Re has order entry <		(EMAPA:27901)

Modified Component 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28588) has order entry <0 for EMAPA:28089>		

Modified Component 435			
ID	EMAPA:27967	Is Group Term	false
Name	visceral epitheli	um	
Starts At	TS22	Ends At	TS27
Primary Parents	EMAPA:27949[matur	ing glomerular tu	ft]
Group Parents			
Synonyms	[podocyte layer]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)]		
Alternate Paths	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA nephron(EMAPA:284 corpuscle(EMAPA:2 tuft(EMAPA:27949) epithelium(EMAPA:2 [Abstract anatorgan system(EMAP organ(EMAPA:16245 metanephros(EMAPA cortex(EMAPA:1795 maturing renal co	27967)] comy(EMAPA:0), mouse 2A:16103), viscera 2A:16103), viscera 2A:16103), renal 2A:17373), renal 2A:17373), renal 2A:179. comy(EMAPA:27949), visceral 2A:17949), visceral 2A:17949), visceral 2A:17949)	1 (EMAPA:17366), immature al lomerular se(EMAPA:25765), l (EMAPA:17366), MAPA:28527), 43), maturing

Modified Component 435 [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA: 27967)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA: 17954), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA: 28445), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), visceral epithelium(EMAPA:27967)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA: 27949), visceral epithelium(EMAPA: 27967)] PASSED Edit Status CHANGED Rule Status Comments Different Order - This component has no order entries; Referenced Component (EMAPA: 27967) has order entry <2 for EMAPA: 27949>

Modified Component 436			
ID	EMAPA:29196	Is Group Term	false
Name	degenerating rest of paramesonephric duct of male		
Starts At	TS22	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		

Modified Componen	t 436			
Group Parents				
Synonyms	[degenerating Mll	[degenerating Mllerian duct]		
Primary Path	[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)]			
Alternate Paths	1. [Abstract anatomy(EMAPA: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. Differer 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 p	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), epithelium of degenerating rest of paramesonephric duct of male(EMAPA:29199)]		
Alternate Paths	1. [Abstract anatomy(EMAPA: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 0 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: 27949[maturing glomerular tuft] EMAPA: 28457[renal vasculature] EMAPA: 31469[small		

Modified Compon	nent 438
	blood vessels]
Group Parents	
Synonyms	[]
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)]
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary

Modified Component 438 system of maturing glomerular tuft(EMAPA:27955) 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA: 28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA: 28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] 14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] 15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA: 17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular capillary system of maturing glomerular tuft(EMAPA:27955)] PASSED CHANGED Edit Status Rule 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) has order entry <5 for EMAPA:31469>

Modified Component 439			
ID	EMAPA:29181	Is Group Term	false
Name	epithelium of rest of nephric duct of male		
Starts At	TS21	Ends At	TS23
Primary Parents	EMAPA:29173[nephric duct of male, rest of]		
Group Parents			

Modified Component 439			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), nephric duct of male, rest of(EMAPA:29173), epithelium of rest of nephric duct of male(EMAPA:29181)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29181) has order entry <0 for EMAPA:29173>		

ID	EMAPA:27961	Is Group Term	false		
Name	glomerular mesa	glomerular mesangium			
Starts At	TS22	Ends At	TS27		
Primary Parents		nal interstitium q turing glomerular			
Group Parents					
Synonyms	[]				
Primary Path	organ system(El organ(EMAPA:16: metanephros(EM cortex(EMAPA:1: corpuscle(EMAPA:279: 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:25765] organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA:27961)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765] organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765] organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)]				
	organ system(El organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 maturing renal	MAPA:16103), visce 245), urinary syst APA:17373), renal 7952), maturing ne corpuscle(EMAPA:2 t(EMAPA:27949), gi	tem(EMAPA:17366), ephron(EMAPA:28485), 27943), maturing		

Modified Component 440 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA: 17954), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), glomerular mesangium(EMAPA: 27961)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373) stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA: 27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular mesangium(EMAPA:27961)] 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glom mesangium(EMAPA:27961)] glomerular PASSED Edit Status CHANGED Rule Status Comments 2. Different Order - This component has no order entries; Referenced Component (EMAPA:27961) has order entry <1 for EMAPA: 27949> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:27961) has order entry <3 for EMAPA: 28518>

Modified Component 441				
ID	EMAPA:29185	Is Group Term	false	
Name	paramesonephric duct of male, rest of			
Starts At	TS20 Ends At TS21			

Modified Component 441				
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), 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 res	t of paramesoneph	ric 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	[]			
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 443				
	system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), paramesonephric duct of male, rest of(EMAPA:29185), mesenchyme of rest of paramesonephric duct of male(EMAPA:29189)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29189) has order entry <1 for EMAPA:29185>			

Modified Compor	nent 444			
ID	EMAPA:27985	Is Group Term	false	
Name	urinary space o	urinary space of renal corpuscle		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27973 [Bow	man's capsule]		
Group Parents				
Synonyms	[Bowman's space]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:2848 maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:17952), maturing nephron(EMAPA:2848 maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27943)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17	039), organ syste EMAPA:16245), uri 366), metanephros	inary	

Modified Componen	t 444			
	renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), urinary space of renal corpuscle(EMAPA:27985)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP tubule(EMAPA:2852 corpuscle(EMAPA:2	27), maturing rena 27943), Bowman's 973), urinary spac	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), urinary space of renal corpuscle(EMAPA:27985)]			
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRO corpuscle(EMAPA:2	973), urinary spac	EMAPA:16103), ry MAPA:17373), maturing renal	
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 a	rteriole		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA:27943[matur EMAPA:28457[renal	ring renal corpuso vasculature]	:le]	
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), 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 (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			

larteriole(EMAPA: 27991)]

- 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]
- 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]
- 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]
- 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]
- 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(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),

Modified Component 445					
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	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>				

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Modified Compon	ent 446 EMAPA:27979	Ta Cross- Flares	false	
		Is Group Term	Talse	
Name	parietal epithe	Ī		
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27973 [Bow	man's capsule]		
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), maturing renal corpuscle(EMAPA:279743), Bowman's capsule(EMAPA:27973), parietal		
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), parietal epithelium(EMAPA:27979)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25769 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366) metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:2848 maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:17952), maturing nephron(EMAPA:2848 maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27973), parietal			
	organ system(EM organ(EMAPA:162 metanephros(EMAPA:179 corpuscle(EMAPA:202 capsule(EMAPA:202 capsule(EM	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)]		
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 stage IV immatu renal corpuscle	039), organ syst EMAPA:16245), ur 366), metanephro	inary s(EMAPA:17373), :28445), maturing	

Modified Componer	ıt 446				
	epithelium(EMAPA:	27979)]			
	<pre>6. [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), 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)]				
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), parietal epithelium(EMAPA:27979)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.	,			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:27979) has order entry <0 for EMAPA:27973>				

Modified Component 447				
ID	EMAPA:27973	Is Group Term	false	
Name	Bowman's capsule			
Starts At	TS22 Ends At TS27			
Primary Parents	EMAPA:27943[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			

Modified Component 447 capsule(EMAPA: 27973)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA: 27943), Bowman's capsule(EMAPA:27973)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA: 27943), Bowman's capsule(EMAPA:27973)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA: 17954), maturing renal corpuscle(EMAPA: 27943), Bowman's capsule(EMAPA:27973)] PASSED Edit Status CHANGED Rule Status Comments 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[mesonephros]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary			

Modified Component 448				
	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), 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	
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), nontubular 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	Is Group Term	true	
Name	mature nephron			
Starts At	TS25	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17373[metanephros]			
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral			

Modified Component 453				
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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	ecting duct] 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), ureteric trunk(EMAPA:28494)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28494) has order entry <2 for EMAPA:28407>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28494) has order entry <25 for EMAPA:17373>			

Modified Component 455					
ID	EMAPA:28485	Is Group Term	true		
Name	maturing nephron				
Starts At	TS23	Ends At	TS28		
Primary Parents	Parents				
Group Parents	EMAPA:17952[renal cortex]				
Synonyms	[stage IV nephron]				

Modified Component 455				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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.		
	order entries; Re	t Order - This conferenced Componen 23 for EMAPA:1737	t (EMAPA:28477)

Modified Componen	t 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)]			
	embryo(EMAPA:1603	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

Modified Component 457			
	system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28457) has order entry <21 for EMAPA:17366>		
		3. Different Parents - Referenced Component EMAPA: 28457 has parents []	

Modified Component 458			
ID	EMAPA:28445	Is Group Term	true
Name	stage IV immature	nephron	
Starts At	TS22	Ends At	TS22
Primary Parents			
Group Parents	EMAPA:17373[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.		
	order entries; Re	t Order - This co ferenced Componen 21 for EMAPA:1737	t (EMAPA:28445)

Modified Componer	nt 459			
ID	EMAPA: 28425 Is Group Term true			
Name	nephric duct grou	р		
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.			

Modified Component 459 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	р		
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 Componen	t 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.		
	order entries; Re	t Order - This co ferenced Componen 24 for EMAPA:1737	t (EMAPA:28407)

Modified Component 462			
ID	EMAPA:28402	Is Group Term	false
Name	postmacula segment		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28396[distal straight tubule]		
Group Parents			

Modified Componer	nt 462
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), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
Alternate 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), postmacula segment(EMAPA:28402)]
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(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)]
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), 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),

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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), renal distal
tubule(EMAPA:28387), distal straight
tubule(EMAPA: 28396),
                                   postmacula
segment (EMAPA: 28402)
9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), cortical renal
tubule of mature nephron GROUP(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),
segment(EMAPA:28402)]
                                   postmacula
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),
metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of
mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of
tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA: 28396), postmacula segment(EMAPA: 28402)]
13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron
GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373),
mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal
tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight
tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
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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

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mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), postmacula
segment (EMAPA: 28402
17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373)
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
                                  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:18976), renal distal
tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal
tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight
tubule(EMAPA:28396), postmacula segment(EMAPA:28402)]
23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal
tubule(EMAPA:18976), renal distal
tubule(EMAPA:28387), distal straight
tubule(EMAPA:28396), postmacula
segment(EMAPA:28402)]
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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

Modified Componen	t 462		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal cortex(EMAP tubule(EMAPA:1897	37), distal straig 96), postmacula	EMAPA:16103), ry MAPA:17373), l renal
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRC tubule(EMAPA:1897	atomy(EMAPA:0), months and system(189), organ system(1814), urina: (66), metanephros(EMAPA:17954), (76), cortical rena: (80UP(JFA:0001013), (96), postmacula: (92)]	EMAPA:16103), ry MAPA:17373), cortical renal l tubule of
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 early nephron GRC tubule(EMAPA:1897	37), distal straig 96), postmacula	EMAPA:16103), ry MAPA:17373), cortical renal
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	nt Order - This con eferenced Componen 22 for EMAPA:28396	t (EMAPA:28402)

Modified Component 463			
ID	EMAPA:28405	Is Group Term	false
Name	ureteric trunk	•	
Starts At	TS21	Ends At	TS21
Primary Parents	EMAPA:28477[primi EMAPA:17373[metar	tive collecting d ephros]	uct group]
Group Parents			
Synonyms	[ureteric stalk]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), primitive collecting duct group(EMAPA:28477), ureteric trunk(EMAPA:28405)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28405)]		
Rule Status	PASSED	Edit Status	CHANGED
	<u> </u>		

Modified Component 463	
Comments	1.
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28405) has order entry <1 for EMAPA:28477>
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28405) has order entry <15 for EMAPA:17373>

Modified Component 464				
ID	EMAPA:28387	Is Group Term	false	
Name	renal distal tuk	oule	,	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:18976[cort	cical renal tubu	ıle]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 tubule(EMAPA:189	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
Alternate Paths	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:283 tubule(EMAPA:283 tubule(EMAPA:283 tubule(EMAPA:283 tubule)	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		
	organ(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)]			
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 stage nephron GF tubule(EMAPA:189	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 cortical renal t			
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1 metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAP cortical renal tubule(EMAPA:18976), renal tubule(EMAPA:28387)]		eral stem(EMAPA:17366), hephron(EMAPA:28485),		
	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:29 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1736 metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]			
7. [Abstract anatomy(EMAPA:0), mouse(EMAPA embryo(EMAPA:16039), organ system(EMAPA:162visceral organ(EMAPA:16245), urinary			em(EMAPA:16103),	

Modified Component 464			
	system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
	13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	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:28457[renal vasculature] EMAPA:31450[renal venous system]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:28376)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),			

Modified Component 465				
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPa: and venous system(EMAPA:31450), renavein(EMAPA:28376)]	APA:17366),		
	2. [Abstract anatomy(EMAPA:0), mouse(Eorgan system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:16245), urinary system(EMAPA:16245), urinary system(EMAPA:16245), renal vasculature(EMAPA:16245), renal vasculature(EMAPA:16245)]	APA:17366),		
	3. [Abstract anatomy(EMAPA:0), mouse(Eorgan system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA: 28457), renal vein(EMAPA:28376)]			
	4. [Abstract anatomy(EMAPA:0), mouse(Embryo(EMAPA:16039), organ system(EMAPA:isceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal vein(EMAPA:	PA:16103),		
	5. [Abstract anatomy(EMAPA:0), mouse(Embryo(EMAPA:16039), organ system(EMAPA:isceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculurinary system GROUP(JFA:0001008), renvasculature(EMAPA:28457), renal vein(EMAPA:28457)	PA:16103), Lature of		
	6. [Abstract anatomy(EMAPA:0), mouse(Embryo(EMAPA:16039), organ system(EMAPVisceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), renal vein(EMAPA:28457), renal vein(EMAPA:28457)	PA:16103),		
	7. [Abstract anatomy(EMAPA:0), mouse(Eembryo(EMAPA:16039), organ system(EMAPA:isceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vein(EMAPA:	PA:16103),		
Rule Status	PASSED Edit Status CHA	NGED		
Comments	1.			
	2. Different Order - This compor order entries; Referenced Component (E has order entry <0 for EMAPA:31450>			
	3. Different Order - This compororder entries; Referenced Component (Ehas order entry <4 for EMAPA:17366>			
	4. Different Order - This comport order entries; Referenced Component (E has order entry <6 for EMAPA:28457>			

Modified Component 466				
ID	EMAPA:28373	Is Group Term	false	
Name	renal artery			
Starts At	TS21	Ends At	TS28	
Primary Parents	EMAPA:28457[renal system] EMAPA:314			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal artery(EMAPA:28373)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal arterial system(EMAPA:31436), renal artery(EMAPA:28373)]			
	2. [Abstract anat	omy(EMAPA:0), mou	se(EMAPA:25765),	

Modified Componer	nt 466				
	organ(EMAPA developing GROUP(JFA:	vasculature of uri	ystem(EMAPA:17366),		
	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 artery(EMAPA:28373)]				
	embryo(EMAI visceral or system(EMAI	ct anatomy(EMAPA:0) PA:16039), organ sy gan(EMAPA:16245), PA:17366), renal ar PA:31436), renal ar	urinary terial		
	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)]				
	embryo(EMAI visceral or system(EMAI	PA:16039), organ sy rgan(EMAPA:16245), PA:17366), renal e(EMAPA:28457), ren	urinary		
	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>				
	order entri		is component has no ponent (EMAPA:28373) 28457>		

Modified Compone	EMAPA: 28370	Is Group Term	false	
Name	inner medullary	collecting duct	JL	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28349[innetrunk]	r medulla] EMAPA:2	8494[ureteric	
Group Parents				
Synonyms	[papillary colle	ecting 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		

Modified Component 467				
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), inner medullary collecting duct(EMAPA:28370)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary collecting duct(EMAPA:28370)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28370) has order entry <2 for EMAPA:28349>			
	order entries; Re	nt Order - This con eferenced 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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:16858) has order entry <1 for EMAPA:16857>			

Modified Component 469				
ID	EMAPA:16859	Is Group Term	false	
Name	primordial germ cells			
Starts At	TS16	Ends At	TS18	
Primary Parents	EMAPA:16857[gonad]			

Modified Component 469			
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), genitourinary system(EMAPA:16367), gonad(EMAPA:16857), primordial germ cells(EMAPA:16859)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	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[genit	ourinary 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			

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nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396)]
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- 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396)]
- 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(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

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tubule(EMAPA:28387), distal straight
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- 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)]
- 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)]

Modified Component 471 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)] 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)] Edit Status Rule Status PASSED CHANGED 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]

ID	EMAPA:28399	Is Group Term	false		
Name	macula densa				
Starts At	TS25	Ends At	TS28		
Primary Parents		EMAPA:28396[distal straight tubule] EMAPA:30449[juxtaglomerular complex]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMAPA:17 tubule(EMAPA:18 tubule(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 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(EM organ(EMAPA:162 metanephros(EMAP nephron(EMAPA:2 tubule(EMAPA:2 tubule(EMAPA:2 EMAPA:2 emature nephron tubule(EMAPA:2 ematanephros(EMAPA:162 metanephros(EMAPA:2 tubule(EMAPA:18	APA:16103), visc 45), urinary sys PA:17373), matur 8491), cortical 976), cortical r GROUP(JFA:000101 396), macula den atomy(EMAPA:0), APA:16103), visc	tem(EMAPA:17366), erenal enal tubule of 3), distal straight sa(EMAPA:28399)] mouse(EMAPA:25765), eral tem(EMAPA:17366), erenal al		
	3. [Abstract an organ system(EM organ(EMAPA:162 metanephros(EMAPA:2 tubule(EMAPA:18 mature nephron	atomy(EMAPA:0), APA:16103), visc 45), urinary sys PA:17373), stage 8445), cortical 976), cortical r GROUP(JFA:000101	tem(EMAPA:17366), IV immature renal		
	organ system(EM organ(EMAPA:162 metanephros(EMAPA:2 tubule(EMAPA:28 tubule(EMAPA:28 tubule(EMAPA:28	APA:16103), visc 45), urinary sys PA:17373), stage 8445), cortical 976), renal dist 387), distal str 396), macula den	tem(EMAPA:17366), IV immature renal al aight sa(EMAPA:28399)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	APA:16103), visc 45), urinary sys PA:17373), renal 952), juxtaglome	tem(EMAPA:17366),		
	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17 stage nephron Gtubule(EMAPA:18 mature nephron	APA:16103), visc 45), urinary sys PA:17373), renal 952), developing ROUP(EMAPA:28506 976), cortical r GROUP(JFA:000101	tem(EMAPA:17366), capillary loop), cortical renal		
	organ system(EM organ(EMAPA:162 metanephros(EMA	APA:16103), visc	tem(EMAPA:17366),		

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stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
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- 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 14. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 15. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal distal

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tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
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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), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), juxtaglomerular complex(EMAPA:30449), macula densa(EMAPA:28399)]
- 20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]
- 25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal distal

Modified Component 472			
	tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	28. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
	29. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), distal straight tubule(EMAPA:28396), macula densa(EMAPA:28399)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28399) has order entry <1 for EMAPA:28396>		
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28399) has order entry <1 for EMAPA:30449>		

Modified Component 473			
ID	EMAPA:28393	Is Group Term	false
Name	distal convoluted	tubule	
Starts At	TS25	Ends At	TS28
Primary Parents	JFA:0001013[corti GROUP] EMAPA:2838	cal renal tubule of 7[renal distal tube	of mature nephron bule]
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			
	2. [Abstract anat	omy(EMAPA:0), mou	se(EMAPA:25765),

Modified Component 473

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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)]
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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),

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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)]
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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

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Modified Component 473
                        tubule(EMAPA: 28527), cortical renal
                        tubule (EMAPA: 18976), cortical renal tubule of
                        mature nephron GROUP(JFA:0001013), distal
                        convoluted tubule (EMAPA: 28393
                        21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),
                        renal cortex(EMAPA:17952), late
                        tubule(EMAPA:28527), cortical renal
tubule(EMAPA:18976), renal distal
                        tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
                        22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal
                        tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal
                        convoluted tubule(EMAPA:28393)]
                        23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal
                        tubule(EMAPA: 18976), renal distal
                        tubule(EMAPA:28387), distal convoluted tubule(EMAPA:28393)]
                        24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), cortical renal tubule of
                        mature nephron GROUP(JFA:0001013), distal
                        convoluted tubule(EMAPA:28393)]
                        25. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373),
                        renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal distal
                        tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]
                        26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373),
                        early nephron GROUP(EMAPA: 17954), cortical renal
                        tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), distal
                        convoluted tubule(EMAPA:28393)]
                        27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                        embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                        system(EMAPA:17366), metanephros(EMAPA:17373),
                        early nephron GROUP(EMAPA: 17954), cortical renal
                        tubule(EMAPA:18976), renal distal
                        tubule(EMAPA:28387), distal convoluted
tubule(EMAPA:28393)]
                        PASSED
                                                Edit Status
                                                                        CHANGED
Rule Status
Comments
                               2. 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
                            EMAPA:28390
                                                       Is Group Term
                                                                                   false
ΙD
Name
                            early distal tubule
                            TS25
                                                                                   TS27
                                                       Ends At
Starts At
                            EMAPA:28387[renal distal tubule]
Primary Parents
Group Parents
                            []
Svnonvms
                           [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral
Primary Path
                           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
Alternate Paths

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

                            organ system(EMAPA:16103), visceral
                           organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature
                           nephron(EMAPA:28491), cortical renal
                            tubule(EMAPA:18976), renal distal
                            tubule (EMAPA: 28387)
                                                            early distal
                            tubule(EMAPA: 28390)]
                            [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), early distal tubule(EMAPA:28390)]
                            4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                           organ system(EMAPA:16103), visceral
                           organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal
                           cortex(EMAPA:17952), late tubule(EMAPA:28527)
                           cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]
                            [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                           organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal
                            cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
                           cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]
                            6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                           organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron
                           GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal
                            tubule(EMAPA:28390)]
                                [Abstract 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(EMĀPA:18976), renal distal
tubule(EMAPA:28387), early distal
                            tubule(EMAPA:28390)]
                            8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
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Modified Component 474
                              embryo(EMAPA:16039), organ system(EMAPA:16103),
                             visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),
                             stage IV immature nephron(EMAPA: 28445), cortical
                             renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal
                              tubule(EMAPA:28390)
                              9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                             embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary
                              loop stage nephron GROUP(EMAPA:28506), cortical
                             renal tubule(EMAPA:18976), renal distal tubule(EMAPA:28387), early distal tubule(EMAPA:28390)]

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

                             embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
                             system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late
                             tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal distal
                             tubule(EMAPA:28387), early distal
tubule(EMAPA:28390)]
                              11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
                             embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373),
                             renal cortex(EMAPA:17952), maturing nephron(EMAPA:28476), 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),
tubule(EMAPA:28390)]
                                                                early distal
                              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),
tubule(EMAPA:28390)]
                                                                 early distal
                                                                                         CHANGED
Rule Status
                              PASSED
                                                           Edit Status
Comments
                                      1.
                                             Different Order - This component has no
                              order entries; Referenced Component (EMAPA:28390)
                              has order entry <0 for EMAPA:28387>
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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	[]		
	[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),		

Modified Component 475				
	outer medullary	interstitium(EMAPA	:28337)]	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), outer medullary interstitium(EMAPA:28337)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary interstitium(EMAPA:28337)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28337) has order entry <1 for EMAPA:28310>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28337) has order entry <8 for EMAPA:28518>			

Modified Component 476				
ID	EMAPA:28346	Is Group Term	false	
Name	outer medullary	collecting duct		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA: 28310 [outerunk]	er medulla] EMAPA	1:28494[ureteric	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(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 medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), ureteric trunk(EMAPA:28494), outer medullary collecting duct(EMAPA:28346)]			
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 collecting duct	atomy(EMAPA:0), m 039), organ syste EMAPA:16245), uri 366), metanephros (EMAPA:28407), ur 94), outer medull	nary s(EMAPA:17373), ceteric	

Modified Component 476			
	duct(EMAPA: 28346)]		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer medullary collecting duct(EMAPA:28346)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	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 conferenced 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>		

			1
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 me	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	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		

Modified Component 478			
	portion(EMAPA:283 limb(EMAPA:28325)	22), thin descend	ing
	organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192 group(EMAPA:19280	79), Loop of Henle, 1), loop of Henle, 222), thin descend	l (EMAPA:17366), e outer medullary
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 mature nephron(EM group(EMAPA:19280	comy(EMAPA:0), mous 19), organ system(19), urina: 1APA:16245), urina: 16), metanephros(EMAPA:28491), Loop of Henle, 12), loop of Henle, 122), thin descend:	EMAPA:16103), 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 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			

Modified Componen	t 479		
	group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), thin ascending limb(EMAPA:28328)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 mature nephron(EM group(EMAPA:19280	comy(EMAPA:0), mousing (EMAPA:0), mousing (EMAPA:16245), urinated (EMAPA:28491), Loop	EMAPA:16103), 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 straight tubule		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28322[loop	of Henle, outer me	edullary portion]
Group Parents			
Synonyms	[thick ascending	limb]	

Modified Component 481				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, outer medullary portion(EMAPA:28322), premacula segment of distal straight tubule(EMAPA:28331)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28331) has order entry <3 for EMAPA:28322>			

Modified Component 482			
EMAPA:28358	Is Group Term	false	
bend			
TS25	Ends At	TS28	
EMAPA:28352[loop	of Henle, inner m	edullary portion]	
[U-turn]			
[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)]			
	EMAPA:28358 bend TS25 EMAPA:28352[loop [U-turn] [Abstract anatomy organ system(EMAP organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192 loop of Henle, in	EMAPA:28358 Is Group Term	

Modified Componer	nt 482		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner med portion(EMAPA:28352), bend(EMAPA:28358)]		
	organ system(EMAI organ(EMAPA:1624! metanephros(EMAPA: medulla(EMAPA:1928) group(EMAPA:1928)	comy(EMAPA:0), mou PA:16103), viscera 5), urinary system A:17373), renal 279), Loop of Henl 0), loop of Henle, 352), bend(EMAPA:2	l (EMAPA:17366), e inner medullary
	3. [Abstract 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), bend(EMAPA:28358)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA embryo(EMAPA:16039), organ system(EMAPA:16 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:173 renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA		EMAPA:16103), ry MAPA:17373), e, inner
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), bend(EMAPA:28358)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28358) has order entry <1 for EMAPA:28352>		

Modified Component 483			
ID	EMAPA:28364	Is Group Term	false
Name	inner medullary 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	[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)]		

Modified Component 483			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), inner medullary interstitium(EMAPA:28364)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28364) has order entry <1 for EMAPA:28349>		
	order entries; Re	t Order - This cor ferenced Component 9 for EMAPA:28518	t (EMAPA:28364)

Modified Compone	ent 484			
ID	EMAPA:28361	Is Group Term	false	
Name	thin ascending l	thin ascending limb		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:28352[loop	of Henle, inner m	edullary portion]	
Group Parents				
Synonyms	[ascending thin	limb]		
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:19 loop of Henle, i	279), inner medull nner medullary 352), thin ascendi	1 (EMAPA:17366), a(EMAPA:28349),	
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)]		e inner medullary	
			e inner medullary	
			EMAPA:16103), ry MAPA:17373), of Henle inner medullary	
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:1737 renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin ascend limb(EMAPA:28361)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:1737 renal medulla(EMAPA:19279), Loop of Henle		EMAPA:16103), ry MAPA:17373), e, inner		
		EMAPA:16103), ry MAPA:17373),		

Modified Component 484				
	group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin ascending limb(EMAPA:28361)			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28361) has order entry <2 for EMAPA:28352>			

Modified Component 485			
ID	EMAPA:28349	Is Group Term	false
Name	inner medulla		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:19279[renal	medulla]	
Group Parents			
Synonyms	[papilla]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28349) has order entry <5 for EMAPA:19279>		

Modified Component 486			
ID	EMAPA:28352	Is Group Term	false
Name	loop of Henle, in	ner medullary por	tion
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28349[inner Henle group]	medulla] EMAPA:1	9280[Loop of
Group Parents			
Synonyms	[]		
Primary 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(EMAP organ(EMAPA:16245 metanephros(EMAPA medulla(EMAPA:192	A:16103), viscera), urinary system	l (EMAPA:17366), e

Modified Component 486			
	portion(EMAPA: 283	352)]	
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 mature nephron(EM	comy(EMAPA:0), mouse 89), organ system(MAPA:16245), urina: 66), metanephros(EMAPA:28491), Loop (1), loop of Henle, 852)]	EMAPA:16103), ry MAPA:17373), of Henle
	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	nt Order - This con eferenced Componen 1 for EMAPA:19280	t (EMAPA:28352)

Modified Component 487			
ID	EMAPA: 28355	Is Group Term	false
Name	thin descending l	limb	
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28352[loop	of Henle, inner 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), 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:28355)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 mature nephron(EM	comy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 66), metanephros(E MAPA:28491), Loop 0), loop of Henle,	EMAPA:16103), ry MAPA:17373), of Henle

Modified Component 487				
	portion(EMAPA:28352), thin descending limb(EMAPA:28355)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), inner medulla(EMAPA:28349), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280), loop of Henle, inner medullary portion(EMAPA:28352), thin descending limb(EMAPA:28355)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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 interstitium			
Starts At	TS21	Ends At	TS28	
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:27721[nephrogenic zone]			
Group Parents				
Synonyms	[peripheral blastema]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral			

Modified Component 489					
	organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), nephrogenic interstitium(EMAPA:17953)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), nephrogenic interstitium(EMAPA:17953)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	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]			

Modified Component 491				
Synonyms	[]			
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>			
		ıt Synonyms - Refe synonyms [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),			

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Modified Component 493				
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17959) has order entry <4 for EMAPA:17381>			

Modified Component 494				
ID	EMAPA:17961	Is Group Term	false	
Name	mesovarium			
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:28540[femal structure] EMAPA:	e associated repr 17959[female repr	oductive oductive system]	
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), 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>			
	order entries; Re	nt Order - This co eferenced Componen 4 for EMAPA:17959	t (EMAPA:17961)	

Modified Component 495				
ID	I	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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal			

Modified Componer	Modified Component 495				
		9279), outer medulouter medullary 8322)]	lla(EMAPA:28310),		
Alternate Paths	organ system(EM organ(EMAPA:162 metanephros(EMAPA:2 nephron(EMAPA:2	APA:16103), visce: 45), urinary syste PA:17373), mature 8491), Loop of Hen 80), loop of Henle	em(EMAPA:17366),		
	organ system(EM organ(EMAPA:162 metanephros(EMA medulla(EMAPA:1	APA:16103), visce: 45), urinary syste PA:17373), renal 9279), Loop of He 80), loop of Henle	em(EMAPA:17366),		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:1737 mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280), loop of Henle, outer meportion(EMAPA:28322)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:161 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:1737 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>				
	order entries;	ent Order - This (Referenced Compon <0 for EMAPA:283	ent (EMAPA:28322)		

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.			

Modified Component 496

2. Different Order - This component has no 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>			

ID	EMAPA:17965	Is Group Term	false	
Name	germ cell of ovar	У	IL	
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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17965) has order entry <3 for EMAPA:17962>			

Modified Component 499				
ID	EMAPA:17963	Is Group Term	false	
Name	surface epithelium of ovary			

Modified Component 499				
Starts At	TS20 Ends At TS28			
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>			

Modified Component 500				
ID	EMAPA:17969	Is Group Term	false	
Name	genital tubercle	genital tubercle of male		
Starts At	TS20	Ends At	TS24	
Primary Parents	EMAPA:17968[male	associated reprod reproductive syst external genitali	em]	
Group Parents				
Synonyms	[penis anlage]			
Primary Path	organ system(EMAI organ(EMAPA:1624 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), genital tubercle of male(EMAPA:17969)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), genital tubercle of male(EMAPA:17969)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), genital tubercle of male(EMAPA:17969)]			
	5. [Abstract ana	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),		
	Ш			

Modified Component 500				
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), genital tubercle of male(EMAPA:17969)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <0 for EMAPA:28533> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <0 for EMAPA:30977>			
	4. Different Order - This component has no order entries; Referenced Component (EMAPA:17969) has order entry <20 for EMAPA:17968>			

Modified Component 501				
ID	EMAPA:17968	Is Group Term	false	
Name	male reproductive	system		
Starts At	TS20	Ends At	TS28	
Primary Parents	EMAPA:17381[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)]		

Modified Component 502				
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Differen order entries; Re has order entry <		(EMAPA:28310)	

Modified Component 503				
ID	EMAPA:17972	Is Group Term	false	
Name	testis			
Starts At	TS20	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), 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

Modified Component 505				
Name	nephric duct of male, mesonephric portion			
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA:29138[meson	ephros of male]		
Group Parents				
Synonyms	[mesonephric duct Wolffian duct of	of male, mesonepl	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 Component 506					
ID	EMAPA:17971	Is Group Term	false		
Name	mesorchium				
Starts At	TS20	Ends At	TS28		
Primary Parents		associated reprodreproductive system			
Group Parents					
Synonyms	[]				
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesorchium(EMAPA:17971)]				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), mesorchium(EMAPA:17971)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), mesorchium(EMAPA:17971)]				
Rule Status	PASSED Edit Status CHANGED				
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:17971) has order entry <1 for EMAPA:28533>				
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:17971				

has order entry <19 for EMAPA:17968>

Modified Compor	EMAPA: 30037	Is Group Term	false			
Name	renal cortica		Taise			
	TS23	1	TS28			
Starts At		Ends At enal cortical va				
Primary Parents			.scurature] .ls] EMAPA:31443[renal			
Group Parents						
Synonyms	[]					
Primary Path	organ system() organ(EMAPA:1 metanephros(E cortex(EMAPA:	EMAPA:16103), vi 6245), urinary s MAPA:17373), ren 17952), renal co MAPA:28142), ren	ystem(EMAPA:17366), al rtical			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25' 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)]					
	organ system() organ(EMAPA:1 metanephros(E capillaries(E	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: visceral orga: system(EMAPA: small blood v	3. [Abstract 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)]				
	embryo(EMAPA: visceral orga: system(EMAPA: renal capilla:	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal cortical capillary(EMAPA:30037)]				
	embryo(EMAPA: visceral orga: system(EMAPA: renal cortex(vasculature(E	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical capillary(EMAPA:30037)]				
Rule Status	PASSED	Edit Status	CHANGED			
Comments	2. Different Order - This component has corder entries; Referenced Component (EMAPA:300 has order entry <0 for EMAPA:31469> 3. Different Order - This component has corder entries; Referenced Component (EMAPA:300 has order entry <1 for EMAPA:31443>					
	4. Difforder entries	erent Order - Th	is component has no ponent (EMAPA:30037)			

Modified Component 508				
ID	EMAPA:31235	Is Group Term	true	
Name	developing vasculature system of epididymis			

Modified Component 508					
Starts At	TS24 Ends At TS27				
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), developing vasculature system of epididymis(EMAPA:31235)]				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31235) has order entry <11 for EMAPA:19290>				

Modified Component 509				
ID	EMAPA:30031	Is Group Term	false	
Name	glomerular mesang	ium of Bowman's ca	apsule	
Starts At	TS22	Ends At	TS27	
Primary Parents	EMAPA: 27973[Bowma	n's capsule]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),			

Modified Component 509 metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA: 28445), maturing renal corpuscle(EMAPA: 27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA: 27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), Bowman's capsule(EMAPA:27973), glomerular mesangium of Bowman's capsule(EMAPA:30031)] CHANGED PASSED Edit Status Rule Status Comments Different Order - This component has no 2. . order entries; Referenced Component (EMAPA:30031) has order entry <2 for EMAPA: 27973>

Modified Component 510				
ID	EMAPA:30801	Is Group Term	false	
Name	vasculature of 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)]			

Modified Component 510				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), bulbourethral gland(EMAPA:19286), vasculature of bulbourethral gland(EMAPA:30801)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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 pe	nis		
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),			

Modified Component 512				
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), vasculature of penis(EMAPA:30807)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30807) has order entry <3 for EMAPA:18682>			

Modified Compor		1	1	
ID	EMAPA: 28281	Is Group Term	false	
Name	renal proximal tubule			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:18976[co	rtical renal tubu	ıle]	
Group Parents				
Synonyms	[]			
Primary 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	organ system(E organ(EMAPA:16 metanephros(EM nephron(EMAPA:	MAPA:16103), visc 245), urinary sys APA:17373), matur 28491), cortical 8976), renal prox	stem(EMAPA:17366), re renal	
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)]			
	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(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1	MAPA:16103), visc 245), urinary sys APA:17373), renal 7952), maturing r tubule(EMAPA:189	stem(EMAPA:17366),	

Modified Component 513 [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373) stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:1752), 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:1752), 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:16103), 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(EMAPĀ:17366), metanephros(EMĀPA:17373), early nephron GROUP(EMAPA: 17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281)] PASSED Edit Status CHANGED Rule Status Comments 2. Different Order - This component has no order entries; Referenced Component (EMAPA:28281) has order entry <1 for EMAPA:18976>

Modified Component 514			
ID	EMAPA:30805	Is Group Term	false
Name	vasculature of prostate gland		
Starts At	TS28	Ends At	TS28

Modified Component 514			
Primary Parents	EMAPA:19287[prostate gland]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), vasculature of prostate gland(EMAPA:30805)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male accessory gland(EMAPA:19285), prostate gland(EMAPA:19287), vasculature of prostate gland(EMAPA:30805)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1. 2. Different Order - This component has no order entries; Referenced Component (EMAPA:30805) has order entry <3 for EMAPA:19287>		

Modified Componer	nt 515 EMAPA:28284	Is Group Term	false	
			Taise	
Name	early proximal tu	Ĭ	1	
Starts At	TS25	Ends At	TS27	
Primary Parents	EMAPA:28281[renal	proximal tubule]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal			

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cortex(EMAPA:17952), late tubule(EMAPA:28527)
cortical renal tubule(EMAPA:18976), renal proximal
tubule(EMAPA:28281), early proximal
ltubule(EMAPA: 28284
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
organ system(EMAPA:16103), visceral
organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal
cortex(EMAPA:17952), maturing nephron(EMAPA:28485),
cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
[Abstract anatomy(EMAPA: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)]
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 provimal
tubule(EMAPA:18976), renal proximal
tubule(EMAPA:28281), early proximal
tubule(EMAPA:28284)]
11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373),
renal cortex(EMAPA:17952), maturing
nephron(EMAPA:28485), cortical renal
tubule(EMAPA:18976), renal proximal
tubule(EMAPA:28281), early proximal
tubule(EMAPA:28284)]
12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal
tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]
13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),
embryo(EMAPA:16039), organ system(EMAPA:16103),
visceral organ(EMAPA:16245), urinary
system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal
```

Modified Component 515				
	tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), early proximal tubule(EMAPA:28284)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28284) has order entry <0 for EMAPA:28281>			

ID	EMAPA: 28287	Is Group Term	false
Name		convoluted tubule	Tarse
Starts At	TS25	Ends At	TS28
		al proximal tubule	
Primary Parents			of mature nephron
Group Parents			
Synonyms	[first convolute	ed 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	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189	atomy(EMAPA:0), mo APA:16103), viscer 45), urinary syste PA:17373), mature 3491), cortical re 976), cortical ren GROUP(JFA:0001013) Le(EMAPA:28287)]	al m(EMAPA:17366), nal al tubule of
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189	atomy(EMAPA:0), mo APA:16103), viscer 45), urinary syste PA:17373), mature 8491), cortical re 976), renal proxim 281), renal proxim 287)]	al m(EMAPA:17366), nal al
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189 mature nephron 0	atomy(EMAPA:0), mo APA:16103), viscer 45), urinary syste PA:17373), stage I B445), cortical re B76), cortical ren BROUP(JFA:0001013) Le(EMAPA:28287)]	al m(EMAPA:17366), V immature nal al tubule of , renal proximal
	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA nephron(EMAPA:28 tubule(EMAPA:189	atomy(EMAPA:0), mo APA:16103), viscer 45), urinary syste PA:17373), stage I 3445), cortical re 976), renal proxim 281), renal proxim	al m(EMAPA:17366), V immature nal al
	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179 stage nephron GF tubule(EMAPA:189	952), developing c ROUP(EMAPA:28506), 976), cortical ren BROUP(JFA:0001013)	al m(EMAPA:17366), apillary loop cortical renal al tubule of

Modified Component 516

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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), 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),

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mature nephron(EMAPA:28491), cortical renal
tubule(EMAPA:18976), renal proximal
tubule(EMAPA:28281), renal proximal convoluted
tubule(EMAPA:28287)]
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- 16. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
- 17. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
- 18. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
- 19. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
- 20. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
- 21. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
- 22. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287)]
- 23. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287)]
- 24. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103),

Modified Component 516					
	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)]				
	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 Sta	tus	CHANGED	
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28287) has order entry <1 for EMAPA:28281>			t (EMAPA: 28287)	
	3. Dii EMAPA:28287	fferent Paren has parents	nts - Refer [EMAPA:282	enced Component 81]	

ID	EMAPA:31240	Is Group Term	false
Name	surface epitheliu	m of testis	JL
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	

Modified Component 518			
ID ID		Is Group Term	false
Name	follicle cell of	primordial follic	le
Starts At	TS27	Ends At	TS28
Primary Parents	EMAPA:30755[primo	rdial 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.		
		t Name - Reference ame [follicle cel	
	order entries; Re	t Order - This conferenced Componen 2 for EMAPA:30755	t (EMAPA:31247)

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	ıa]		
Group Parents				
Synonyms	[]			
Primary Path	[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 ut	vasculature of uterus		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA: 29915[uterus]			
	1			

Modified Componen	t 520		
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	r(EMAPA:0), mouse(1 A:16103), viscera), reproductive 1), female reproductive 9), uterus(EMAPA: erus(EMAPA:30811)	l uctive 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), vasculature of uterus(EMAPA:30811)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	t Order - This conferenced Componen 4 for EMAPA:29915	t (EMAPA:30811)

ID	EMAPA: 28272	Is Group Term	false	
Name	rest of affere	rest of afferent arteriole		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA: 28266[a:	fferent arteriole]		
Group Parents				
Synonyms	[]			
Primary Path	organ system() organ(EMAPA:10 metanephros(EI cortex(EMAPA:10 corpuscle(EMA) arteriole(EMA)	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 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)]		eral tem(EMAPA:17366),), afferent	
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:257 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366 developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28 afferent arteriole(EMAPA:28266), rest of affer arteriole(EMAPA:28272)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:257 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(lorgan(EMAPA:10 metanephros(EI vessels(EMAPA arteriole(EMA)	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)]		
organ syste organ(EMAPA metanephros nephron(EMA		anatomy(EMAPA:0), n EMAPA:16103), visco 6245), urinary syst MAPA:17373), mature :28491), mature res PA:28236), afferen	tem(EMAPA:17366), e nal	

Modified Component 521 arteriole(EMAPA:28266), rest of afferent larteriole(EMAPA: 28272 [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), af arteriole(EMAPA:28266), afferent rest of afferent arteriole(EMAPA:28272)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA: 28236), afferent arteriole(EMAPA:28266), rest of afferent arteriole(EMAPA:28272)] PASSED CHANGED Rule Status Edit Status Comments 2. Different Order - This component has no order entries; Referenced Component (EMAPA:28272) has order entry <1 for EMAPA: 28266>

Modified Component 522			
ID	EMAPA:30819	Is Group Term	false

Modified Component 522				
Name	clitoris			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30984[EMAPA:17959[[female external g [female reproducti	genitalia] ve system]	
Group Parents				
Synonyms	[genital tuk	percle of female]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), clitoris(EMAPA:30819)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), clitoris(EMAPA:30819)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30819) has order entry <1 for EMAPA:30984>			
	order entrie		nis component has no mponent (EMAPA:30819) a:17959>	

	T117 D3 + 000 FF	nt 523			
ID	EMAPA: 28275	Is Group Term	false		
Name	efferent arterio	efferent arteriole			
Starts At	TS25	Ends At	TS28		
Primary Parents	EMAPA:31450[rena renal corpuscle]	l venous system] EMAPA:31469[smal	EMAPA:28236[mature l blood vessels]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA:0rtex(EMAPA:179 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), efferent arteriole(EMAPA:28275)]			
Alternate Paths	organ system(EMA organ(EMAPA:1624 renal venous sys				
	organ system(EMA organ(EMAPA:1624	PA:16103), viscer 5), urinary syste A:17373), small b 469), efferent	m(EMAPA:17366),		
	3. [Abstract ana	tomy(EMAPA:0), mo	use(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		(EMAPA:0), mouse(l A:16103), viscera	

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 Compor	nent 525			
ID	EMAPA:28278	Is Group Term	false	
Name	extraglomerula	extraglomerular mesangium		
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA: 28236[ma	axtaglomerular compature renal corpuseral interstitium	cle]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1	comy(EMAPA:0), moust EMAPA:16103), visc 5245), urinary sys MAPA:17373), renal 17952), mature renal PA:28236), extragle PA:28278)]	eral tem(EMAPA:17366), al	
Alternate Paths	organ system(E organ(EMAPA:16 metanephros(EM	EMAPA:16103), visc 5245), urinary sys MAPA:17373), renal 8518), extraglomer	tem(EMAPA:17366), interstitium	
	organ system(Eorgan(EMAPA:16 metanephros(EMAPA: nephron(EMAPA: 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), 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)]		
	organ system(E organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 complex(EMAPA:			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), extraglomerular mesangium(EMAPA:28278)]			
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103) visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal interstitium group(EMAPA:28518), extraglomerular mesangium(EMAPA:28278)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 embryo(EMAPA:16039), organ system(EMAPA:16103) visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), mature renal		em(EMAPA:16103), inary s(EMAPA:17373), 28518),	
			em(EMAPA:16103), inary s(EMAPA: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[clitc	oris]		
Group Parents				
Synonyms	[]			
Primary Path	[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[1eff	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 Component 534			
ID	EMAPA:31219	Is Group Term	false
Name	developing vasculature of upper part of vagina		
Starts At	TS24	Ends At	TS27
Primary Parents	EMAPA:18987[upper part of vagina] EMAPA:31229[developing vasculature of vagina]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), developing vasculature of vagina(EMAPA:31229), developing vasculature of upper part of vagina(EMAPA:31219)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), upper part of vagina(EMAPA:18987), developing vasculature of upper part of vagina(EMAPA:31219)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	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), mous 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:28257), parietal epithelium(EMAPA:28260)]		
	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.			
	order entries; Re	t Order - This cor ferenced Component O for EMAPA:29796	[(EMAPA:29798)	

Modified Compor	1		11	
ID	EMAPA:28266	Is Group Term	false	
Name	afferent arteri	afferent arteriole		
Starts At	TS25	Ends At	TS28	
Primary Parents	vasculature] EM	ll blood vessels APA:31450[renal ure renal corpus		
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	APA:16103), visc 45), urinary sys PA:17373), renal 952), mature ren :28236), afferen	tem(EMAPA:17366), al	
Alternate Paths	organ system(EM organ(EMAPA:162	APA:16103), visc 45), urinary sys stem(EMAPA:31450	tem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162 developing vasc GROUP(JFA:00010	APA:16103), visc 45), urinary sys ulature of urina	<pre>tem(EMAPA:17366), ry system lature(EMAPA:28457),</pre>	
	organ system(EM organ(EMAPA:162	APA:16103), visc 45), urinary sys re(EMAPA:28457),	tem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162 metanephros(EMA	APA:16103), visc 45), urinary sys PA:17373), small 1469), afferent	tem(EMAPA:17366),	
	organ system(EM organ(EMAPA:162 metanephros(EMA nephron(EMAPA:2	atomy(EMAPA:0), mouse(EMAPA:25765 APA:16103), visceral 45), urinary system(EMAPA:17366), PA:17373), mature 8491), mature renal :28236), afferent :28266)]		
	organ system(EM organ(EMAPA:162 metanephros(EMA GROUP(EMAPA:179	APA:16103), visc 45), urinary sys PA:17373), early 54), mature rena :28236), afferen	tem(EMAPA:17366), nephron l	
	embryo(EMAPA:16 visceral organ(039), organ syst EMAPA:16245), ur 366), renal veno 450), afferent		
	system(EMAPA:31 arteriole(EMAPA	450), afferent :28266)]	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	

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	organ system(EM	tem(EMAPA:17366), e nal s		
	<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:28239) 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)]		

1					
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:28236), glomerular tuft(EMAPA:28239), glomerular basement membrane(EMAPA:28239), glomerular basement				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries; Re	nt Order - This co eferenced Componen 2 for EMAPA:28239	t (EMAPA:28251)		

Modified Component 564				
ID	EMAPA:29769	Is Group Term	false	
Name	os penis			
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:19294[crus penis]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),			
	embryo(EMAPA:16039), organ system(EMAPA:16103),			

Modified Component 564				
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294), os penis(EMAPA:29769)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29769) has order entry <0 for EMAPA:19294>			

Modified Component 565			
ID	EMAPA:29767	Is Group Term	false
Name	adventitia of ductus deferens		
Starts At	TS28 Ends At TS28		
Primary Parents	EMAPA:18681[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), adventitia of ductus deferens(EMAPA:29767)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), adventitia of ductus deferens(EMAPA:29767)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17381), male associated reproductive system(EMAPA:17968), male associated 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	EMAPA:19180[seminal vesicle]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), seminal vesicle(EMAPA:19180), epithelium of seminal vesicle(EMAPA:29771)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29771) has order entry <0 for EMAPA:19180>			

Modified Componer	t 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 vasculature of caput epididymis			
Starts At	TS24	Ends At	TS27	
Primary Parents		EMAPA:19291[caput epididymis] EMAPA:31235[developing vasculature system of epididymis]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of caput epididymis(EMAPA:31204)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), caput epididymis(EMAPA:19291), developing vasculature of caput epididymis(EMAPA:31204)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31204) has order entry <0 for EMAPA:31235>			
	order entries; Re	nt Order - This co eferenced Componen 3 for EMAPA:19291	t (EMAPA:31204)	

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:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of corpus epididymis(EMAPA:29755)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), epithelium of corpus epididymis(EMAPA:29755)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29755)			

Modified Component 571 | has order entry <0 for EMAPA:19293> | 3. Different Order - This component has no order entries; Referenced Component (EMAPA:29755) has order entry <1 for EMAPA:30445>

Modified Compor	EMAPA: 29757	Is Group Term	false	
Name		f corpus of epidi		
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:30447[mu EMAPA:19293[co	EMAPA:30447[muscle layer of epididymis] EMAPA:19293[corpus epididymis]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(Eorgan(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), 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)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 muscle layer o	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 corpus epididy	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.			
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29757) has order entry <1 for EMAPA:19293>		
	3. Different Order - This component has order entries; Referenced Component (EMAPA:29 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:30443[adventitia of epididymis] EMAPA:19293[corpus epididymis]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive		

Modified Component 573				
	system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), adventitia of epididymis(EMAPA:30443), adventitia of corpus of epididymis(EMAPA:29759)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), corpus epididymis(EMAPA:19293), adventitia of corpus of epididymis(EMAPA:29759)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29759) has order entry <1 for EMAPA:30443>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29759) has order entry <2 for EMAPA:19293>			

Modified Component 574			
ID	EMAPA:29761	Is Group Term	false
Name	epithelium of cap	ut of epididymis	
Starts At	TS24	Ends At	TS28
Primary Parents	EMAPA:19291[caput 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), 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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738	omy(EMAPA:0), mou 9), organ system(APA:16245), reproduc 1), male reproduc 8), epididymis(EM	EMAPA:16103), ductive

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:30447[muscl EMAPA:19291[caput	e layer of epidid epididymis]	ymis]
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	1), male reproduc 8), epididymis(EM 19291), muscle la	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: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: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:30443[adventitia of epididymis]		

Modified Component 576			
	EMAPA:19291[caput	epididymis]	
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAP organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1796	31), male reproduc 58), epididymis(EN 319291), adventit	al ctive MAPA: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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1738 system(EMAPA:1796	:19291), adventiti	(EMAPA:16103), oductive ctive MAPA:19290), caput
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.		
		t Order - This co ferenced Componen	

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: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	cauda of epididym	nis	
Starts At	TS24	Ends At	TS28	
Primary Parents		EMAPA:19292[cauda epididymis] EMAPA:30443[adventitia of epididymis]		
Group Parents				
Synonyms	[]			
Primary Path	organ system(Eorgan(EMAPA:16 system(EMAPA:1 system(EMAPA:1 epididymis(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), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), adventitia of cauda of epididymis(EMAPA:29753)]		
Alternate Paths	organ system(Eorgan(EMAPA:16 system(EMAPA:1 system(EMAPA:1 adventitia of	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)]		
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:1 adventitia of			
	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), adventitia of cauda of epididymis(EMAPA:29753)]		
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29753) has order entry <2 for EMAPA:19292>		
	order entries;		s component has no onent (EMAPA:29753) 0443>	

Modified Component 581			
ID	EMAPA:29751	Is Group Term	false
Name	muscle layer of c	auda of epididymi	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),

Wedified Commonant 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)]			
			EMAPA:16103), ductive tive APA:19296),	
		omy(EMAPA:0), mou 9), organ system(

Modified Component 582			
	<pre>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)]</pre>		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.	1.	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29737) has order entry <1 for EMAPA:29733>		

Modified Componen	onent 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)]		l tive APA:19296),
			EMAPA:16103), ductive tive APA:19296), 9)]
	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	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive		

Modified Component 584			
		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)]		l tive APA: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), 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)]		EMAPA:16103), ductive tive :19296),
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	order entries; Re	et Order - This con eferenced Componen of for EMAPA:19296	t (EMAPA:29733)

Modified Compor			
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	[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)]		
1. [Abstract anatomy(EMAPA:0), mouse organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproduct system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:2900), and scrotum(EMAPA:2900), scrotum(EMAPA:2900), male external layer of scrotum(EMAPA:2900), male external layer of scrotum(EMAPA:2900), and scrotum(EMAPA:2900).		eral e ductive nal (EMAPA:19296),	
	2. [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 external genitalia(EMAPA:30977), scrotum(EMAPA:19296), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		em(EMAPA:16103), productive ductive nal (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), epidermal layer of scrotum(EMAPA:29733), basal layer(EMAPA:29735)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		

Modified Component 585 2. Different Order - This component has no order entries; Referenced Component (EMAPA:29735) has order entry <0 for EMAPA:29733>

Modified Compor				
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	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), scrotum(EMAPA:19296), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]		eral e ductive nal (EMAPA:19296),	
			em(EMAPA:16103), productive ductive nal (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), dermal layer of scrotum(EMAPA:29739), hair follicle(EMAPA:29741)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has order entries; Referenced Component (EMAPA:297) has order entry <0 for EMAPA:29739>		nent (EMAPA:29741)	

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>		

Modified Compor	ent 588		
ID ID	EMAPA: 28245	Is Group Term	false
Name	glomerular capil	lary system	JL
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28457[renal capillaries] EMAPA:28239[glome	l vasculature] EMA PA:31469[small blo erular tuft]	PA:31443[renal od vessels]
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMAI organ(EMAPA:1624! metanephros(EMAPA: cortex(EMAPA:179! corpuscle(EMAPA:2 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)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal vasculature(EMAPA:28457), glomerular capillary system(EMAPA:28245)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), glomerular capillary system(EMAPA:28245)]		<pre>1 (EMAPA:17366), system ure(EMAPA:28457),</pre>
			1 (EMAPA:17366),
			1 (EMAPA:17366), ood
	organ system(EMAI organ(EMAPA:1624! metanephros(EMAPA	A:31443), glomerul	1 (EMAPA:17366),

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		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:28236[mat	ure renal corpus	cle]
Group Parents			
Synonyms	[glomerulus]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:28491), mature nephron(EMAPA:28491), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)] 3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28236), glomerular tuft(EMAPA:28239)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(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:28236), glomerular gystem(EMAPA:17373), renal cortex(EMAPA:17952), mature renal corpuscle(EMAPA:28236), glomerular tuft(EMAPA:28239)]		eral tem(EMAPA:17366), e nal
			eral tem(EMAPA:17366), nephron l
			em(EMAPA:16103), inary s(EMAPA:17373), ture renal
			em(EMAPA:16103), inary s(EMAPA:17373), re renal
	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)] 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), juxtaglomerular arteriole(EMAPA:27991), afferent arteriole(EMAPA:28230)]		
	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 Component 592				
ID	EMAPA: 28236	Is Group Term	false	
Name	mature renal co	rpuscle		
Starts At	TS25	Ends At	TS28	
Primary Parents		ure nephron] EMA 7954[early nephr		
Group Parents				
Synonyms	[Malpighian cor	puscle]		
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA 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), mature renal corpuscle(EMAPA:28236)]		
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:25 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)]		cem(EMAPA:16103), cinary os(EMAPA:17373),	
	embryo(EMAPA:16	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary		

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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28236) has order entry <10 for EMAPA:17954>			
	order entries; Re	3. Different Order - This component has no order entries; Referenced Component (EMAPA:28236) has order entry <2 for EMAPA:28491>		
	order entries; Re	nt Order - This co eferenced Componen <5 for EMAPA:17952	t (EMAPA:28236)	

Modified Compor		To Grane William	false
ID	EMAPA: 28221	Is Group Term	Tarse
Name ————————————————————————————————————	arcuate vein		7
Starts At	TS25	Ends At	TS28
Primary Parents	blood vessels] E	al venous system]	cortical venous
Group Parents			
Synonyms	[]		
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAPA cortex(EMAPA:179 vasculature(EMAPA	ny(EMAPA:0), mouse(APA:16103), viscera APA:16103), viscera APA:17373), renal APA:28142), renal cortica APA:28142), renal co APA:28142), arcuate vein	al n(EMAPA:17366), al ortical venous
Alternate Paths	organ system(EMA	atomy(EMAPA:0), mou APA:16103), large k 464), arcuate veir	olood
	organ system(EMA organ(EMAPA:1624	atomy(EMAPA:0), mou APA:16103), viscera 45), urinary system stem(EMAPA:31450),	al n(EMAPA:17366),
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA: arcuate vein(EMAPA:28221)] 4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:173 renal vasculature(EMAPA:28457), arcuate vein(EMAPA:28221)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 embryo(EMAPA:16039), organ system(EMAPA:1610 large blood vessels(EMAPA:31464), arcuate vein(EMAPA:28221)]		al n(EMAPA:17366), system
			al n(EMAPA:17366),
			(EMAPA:16103),
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173	6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), arcuate vein(EMAPA:28221)]	
	embryo(EMAPA:160 visceral organ(E system(EMAPA:173 urinary system	atomy(EMAPA:0), mou 039), organ system(EMAPA:16245), urina 866), developing va EROUP(JFA:0001008), PA:28457), arcuate	(EMAPA:16103), ary asculature of

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	nt Order - This co eferenced Componen 22 for EMAPA:31450	t (EMAPA:28221)	

ID	EMAPA:28218	Is Group Term	false	
Name	interlobular v	rein	·	
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:31464[la	EMAPA:28152[renal cortical venous system] EMAPA:31464[large blood vessels] EMAPA:31450[renal venous system] EMAPA:28457[renal vasculature]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), renal cortical vasculature(EMAPA:28142), renal cortical venous system(EMAPA:28152), interlobular vein(EMAPA:28218)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2576 organ system(EMAPA:16103), large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		ge blood	
	organ system(E organ(EMAPA:16 renal venous s	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)]		
	organ system(E organ(EMAPA:16 developing vas GROUP(JFA:0001	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457 interlobular vein(EMAPA:28218)]		
4. [Abstract anatomy(EMAPA:0), mouse(EMAPa organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA renal vasculature(EMAPA:28457), interlobvein(EMAPA:28218)]		ceral stem(EMAPA:17366),		
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25 embryo(EMAPA:16039), organ system(EMAPA:16103 large blood vessels(EMAPA:31464), interlobular vein(EMAPA:28218)]		cem(EMAPA:16103),	

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 (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)]		
	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 Componen	t 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	cortical arterial	vasculature] EMAI system] EMAPA:31 436[renal arteria	464[large blood
Group Parents			
Synonyms	[]		
Primary 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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30891) has order entry <1 for EMAPA:17379>			

Modified Component 598				
ID	EMAPA:30895	Is Group Term	false	
Name	caudal 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), 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:17376), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), caudal urethra(EMAPA:30895)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30895) has order entry <1 for EMAPA:30891>			

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. Different Order - This component has no order entries; Referenced Component (EMAPA:30893) has order entry <0 for EMAPA:30891>			

Modified Component 600				
ID	EMAPA:30899	Is Group Term	false	
Name	urethral fold			
Starts At	TS21	Ends At	TS21	
Primary Parents	EMAPA:30891[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:17376), urogenital sinus(EMAPA:17379), urethra(EMAPA:30891), urethral plate(EMAPA:30897)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30897) has order entry <2 for EMAPA:30891>			

Modified Component 602				
ID	EMAPA:29731	Is Group Term	false	
Name	testicular branch of genital nerve			

Modified Component 602					
Starts At	TS28	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	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>					

Modified Component 607					
ID ID	EMAPA:31194	Is Group Term	false		
Name	developing vaso	culature of cauda	epididymis		
Starts At	TS24	Ends At	TS27		
Primary Parents	EMAPA:31235[devepididymis] EMA	veloping vasculatu APA:19292[cauda er	are system of bididymis]		
Group Parents					
Synonyms	[]				
Primary Path	organ system(EI organ(EMAPA:16; system(EMAPA:1' system(EMAPA:1' epididymis(EMA)	[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(EI organ(EMAPA:16; system(EMAPA:1' system(EMAPA:1' developing vaso	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:10 visceral organ system(EMAPA:11 system(EMAPA:11 developing vaso epididymis(EMA) cauda epididymis	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), developing vasculature system of epididymis(EMAPA:31235), developing vasculature of cauda epididymis(EMAPA:31194)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), developing vasculature of cauda epididymis(EMAPA:31194)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries;	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31194) has order entry <2 for EMAPA:31235>			
	3. Differ	3. Different Order - This component has no			

Modified Component 607

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 Componer	odified 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	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), 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			
Name	associated mesenchyme			
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			

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	organ system(EMAF organ(EMAPA:16245 system(EMAPA:1738 system(EMAPA:1795	[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: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:16103), visceral organ(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17880), 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:18680), crus of clitoris(EMAPA:19169)] 4. [Abstract anatomy(EMAPA:0), mouse(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: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),			
	<pre>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)]</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), 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	[1]			
			-	

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	Is Group Term	false	
Name	fetal Leydig cell			
Starts At	TS20	Ends At	TS27	
Primary Parents	EMAPA:18687[inter	EMAPA:18687[interstitium of the testis]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]			

Modified Component 623					
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), interstitium of the testis(EMAPA:18687), fetal Leydig cell(EMAPA:19175)]				
Rule Status	PASSED Edit Status CHANGED				
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19175) has order entry <0 for EMAPA:18687>				

Modified Component 624				
ID	EMAPA:19174	Is Group Term	false	
Name	external			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:19172[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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19172) has order entry <18 for EMAPA:17959>			

Modified Component 627				
ID	EMAPA:19171	Is Group Term	false	
Name	inguinal canal			
Starts At	TS25	Ends At	TS28	
Primary Parents	EMAPA:17959[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 blad	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[muscularis mucosa of bladder]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]			

Modified Component 634				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), bladder(EMAPA:18321), muscularis mucosa of bladder(EMAPA:28619), muscularis mucosa of neck(EMAPA:30137)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30137) has order entry <2 for EMAPA:28619>			

Modified Component 635				
ID	EMAPA:30946	Is Group Term	false	
Name	epithelial layer			
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:30944[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[prostatic urethra]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of male(EMAPA:18692), prostatic urethra(EMAPA:30942), muscle layer(EMAPA:30956)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30956) has order entry <2 for EMAPA:30942>			

Modified Component 649				
ID	EMAPA:28957	Is Group Term	false	
Name	epithelium of 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[detru	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:28287)]			
	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	Is Group Term	false
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 Component 654			
	visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	26. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), cortical renal tubule of mature nephron GROUP(JFA:0001013), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
	27. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal convoluted tubule(EMAPA:28287), segment 2 of proximal tubule(EMAPA:29659)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29659) has order entry <1 for EMAPA:28287>		

Modified Component 655			
ID	EMAPA:28961	Is Group Term	false
Name	mesenchyme of 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.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28961) has order entry <1 for EMAPA:28940>		

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

Modified Compone	nt 656			
Primary Parents	EMAPA:28518[renal interstitium group] EMAPA:17952[renal cortex]			
Group Parents				
Synonyms	[cortical stroma]			
Primary Path	organ system(EMAP 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), renal cortical interstitium(EMAPA:28136)]		
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)]		
	embryo(EMAPA:1603 visceral organ(EM system(EMAPA:1736 renal interstitiu	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.	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 :	medulla]
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), outer medulla(EMAPA:28310), outer stripe of outer medulla(EMAPA:29663), loop of Henle(EMAPA:29665)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29665) has order entry <0 for EMAPA:29663>		

Modified Component 659				
ID	EMAPA:28130	Is Group Term	false	
Name	cortical collect	ing duct		
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:28494[uret cortex]	eric trunk] EMAPA:	17952[renal	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMA organ(EMAPA:1624 metanephros(EMAP cortex(EMAPA:179	[Abstract anatomy(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:160 visceral organ(E system(EMAPA:173	tomy(EMAPA:0), mou 39), organ system(MAPA:16245), urina 66), 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	straight tubule	,	
Starts At	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:1 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)]			
	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:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary loop stage nephron GROUP(EMAPA:28506), cortical renal tubule(EMAPA:18976), renal proximal tubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976), renal proximutubule(EMAPA:28281), renal proximal straight tubule(EMAPA:29661)]		eral tem(EMAPA:17366), e(EMAPA:28527), 76), renal proximal	
	organ system(I	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.		
	order entries; Re	t Order - This conferenced Componen 3 for EMAPA:28909	t (EMAPA: 28924)

Modified Component 664				
ID	EMAPA:29693	Is Group Term	false	
Name	epithelium of ca	auda of epididymis		
Starts At	TS24	Ends At	TS28	
Primary Parents	EMAPA:30445[epit EMAPA:19292[caud	helium of epididym la epididymis]	is]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EMAPA:1624 system(EMAPA:173 system(EMAPA:173 epididymis(EMAPA	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), epithelium of epididymis(EMAPA:30445), epithelium of cauda of epididymis(EMAPA:29693)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), epididymis(EMAPA:19290), cauda epididymis(EMAPA:19292), epithelium of cauda of epididymis(EMAPA:29693)]			
Rule Status	PASSED	Edit Status	CHANGED	

Modified Component 664		
Comments	1.	
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29693) has order entry <0 for EMAPA:19292>	
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:29693) has order entry <2 for EMAPA:30445>	

Modified Compor	EMAPA: 28167		false	
ID		Is Group Term	Laise	
Name ————————————————————————————————————		y venous system		
Starts At	TS23	Ends At	TS28	
Primary Parents		all blood vessels ulature] EMAPA:31] EMAPA:28157[renal 450[renal venous	
Group Parents				
Synonyms	[]			
Primary Path	organ system(E organ(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	MAPA:16103), visc 245), urinary sys ystem(EMAPA:31450		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17.metanephros(EMAPA:17373), small blood vessels(EMAPA:31469), renal medullary venous system(EMAPA:28167)]			
	embryo(EMAPA:1 visceral organ system(EMAPA:1 system(EMAPA:3	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), renal venous system(EMAPA:31450), renal medullary venous system(EMAPA:28167)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:embryo(EMAPA:16039), organ system(EMAPA:16visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:173small blood vessels(EMAPA:31469), renal metaneous system(EMAPA:28167)]			
	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	CHANGED	
Comments	1.			
	order entries; has order entr	order entries; Referenced Component (EMAPA:28167 has order entry <1 for EMAPA:28157>		
	order entries; Referenced Component (EMAPA: 2 has order entry <5 for EMAPA: 31450>			
	order entries;		component has no nent (EMAPA:28167) 469>	

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:28157[renal medullary vasculature] EMAPA:31436[renal arterial system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy	(EMAPA:0), mouse(1	EMAPA:25765),

Modified Component 668				
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary arterial system(EMAPA:28162)]			
Alternate Paths	 [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:30934)] 1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urethra of female(EMAPA:28747), phallic urethra of female(EMAPA:30917), mesenchymal layer of phallic		

Modified Component 669				
	urethra of female(EMAPA:30934)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30934) has order entry <3 for EMAPA:30917>			

Modified Component 670			
ID	EMAPA:30930	Is Group Term	false
Name	epithelial layer of phallic urethra of female		
Starts At	TS25	Ends At	TS28
Primary Parents	EMAPA:30917[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.			
	order entries; Re	t Order - This co ferenced Componen 0 for EMAPA:29675	t (EMAPA:29679)	

Modified Componen	ent 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. Different Synonyms - Referenced Component EMAPA:28937 has synonyms [Müllerian duct of female]				

Modified Component 674				
ID	EMAPA:28934	Is Group Term	false	
Name	coelomic epithelium of female mesonephros			

Modified Component 674				
Starts At	TS20	Ends At	TS23	
Primary Parents	EMAPA: 28909[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	[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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29683) has order entry <1 for EMAPA:29679>			

Modified Component 679				
ID	EMAPA:28940	Is Group Term	false	
Name	paramesonephric 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: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.		
	order entries; Re	t Order - This conferenced Componen 1 for EMAPA:30903	t (EMAPA:30907)

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	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	onent 694				
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:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme o female(EMAPA:29621)]				
	embryo(EMAPA:16 visceral organ(system(EMAPA:17 system(EMAPA:17 female(EMAPA:18	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]			
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female associated reproductive structure(EMAPA:28540), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]				
	5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), female external genitalia(EMAPA:30984), genital tubercle of female(EMAPA:18680), genital tubercle mesenchyme of female(EMAPA:29621)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.	1.			
	2. Different End Stage - Referenced Component EMAPA:29621 has End Stage [TS21] 3. Different Order - This component has no order entries; Referenced Component (EMAPA:29621) has order entry <1 for EMAPA:18680>				

Modified Component 695			
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	onent 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.			
	order entries; Re	t Order - This co ferenced Componen 2 for EMAPA:16858	t (EMAPA:27570)	

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:17366[urinary system] EMAPA:28429[nephric duct group]			
Group Parents				
Synonyms	[Wolffian duct]			
Primary Path	organ system(EMAP	[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, met	anephric 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 Is Group Term false			
Name	urogenital sinus			
Starts At	TS19	Ends At	TS22	
Primary Parents	EMAPA:17366[urinary system]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]			

Modified Component 715				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), urogenital sinus(EMAPA:17379)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:17379) has order entry <12 for EMAPA:17366>			

Modified Component 716				
ID	EMAPA:28101	Is Group Term	false	
Name	deep cellular 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	Is Group Term	false	
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	Is Group Term	false	
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	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]			

Modified Component 720				
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:28909) has order entry <0 for EMAPA:17959>			

Modified Component 721				
ID	EMAPA:27568	Is Group Term	false	
Name	central gonadal 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	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		
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			
		1), female reprodu 9), oviduct(EMAPA	
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>		

ID	EMAPA:18976	Is Group Term	false	
Name	cortical renal			
Starts At	TS22	Ends At	TS28	
Primary Parents	GROUP] EMAPA:28 EMAPA:28527[lat nephron] EMAPA:	uring nephron] eloping capillar 445[stage IV imm e tubule] EMAPA: 17952[renal cort ly nephron GROUP	28491[mature .ex]	
Group Parents				
Synonyms	[]			
Primary Path	organ system(EM organ(EMAPA:162 metanephros(EMA	APA:16103), visc 45), urinary sys PA:17373), renal 952), cortical r	tem(EMAPA:17366),	
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), mature nephron(EMAPA:28491), cortical renal tubule(EMAPA:18976)]			
	organ system(EM organ(EMAPA:162 metanephros(EMA	APA:16103), visc 45), urinary sys PA:17373), stage 8445), cortical	tem(EMAPA:17366), IV immature	
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1 metanephros(EMAPA:17373), renal cortex(EMAPA:17952), developing capillary stage nephron GROUP(EMAPA:28506), cortical tubule(EMAPA:18976)]			
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:1 metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:285; cortical renal tubule(EMAPA:18976)]			eral tem(EMAPA:17366), e(EMAPA:28527),	
	organ system(EM organ(EMAPA:162 metanephros(EMA cortex(EMAPA:17	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(EM organ(EMAPA:162 metanephros(EMA	APA:16103), visc 45), urinary sys PA:17373), early 54), cortical re	tem(EMAPA:17366), nephron	
	embryo(EMAPA:16 visceral organ(system(EMAPA:17		s(EMAPA:17373),	

Modified Component 745 tubule(EMAPA: 18976)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA: 28445), cortical renal tubule(EMAPA:18976)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:1752), developing capillary loop stage nephron GROUP(EMAPA: 28506), cortical renal tubule(EMAPA:18976)] 10. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), cortical renal tubule(EMAPA:18976)] 11. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), cortical renal tubule(EMAPA:18976)] 12. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), cortical renal tubule(EMAPA: 18976)] 13. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), cortical renal tubule(EMAPA:18976)] Edit Status PASSED CHANGED Rule 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> 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		

Modified Component 746				
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), cystic vesicular appendage(EMAPA:18978)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), cystic vesicular appendage(EMAPA:18978)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:18978) has order entry <5 for EMAPA:17959>			

Modified Component 747				
ID	EMAPA:18998	Is Group Term	false	
Name	urethral plate of	male		
Starts At	TS23	Ends At	TS24	
Primary Parents	EMAPA:17956[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			

Modified Component 748				
	system(EMAPA:17959), vagina(EMAPA:18986), lower			
Alternate Paths	1. [Abstract anatomy(EMAPA: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 system	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. Differen	t Order - This co	mponent has no	

Modified Component 750

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	3]	
Group Parents			
Synonyms	[]		
Primary Path	[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)]		

Modified Component 752				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), prepuce of male(EMAPA:18989)]			
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		

Modified Component 754				
	part of vagina(EMAPA:18987)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no 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.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30088) has order entry <1 for EMAPA:18321>			

Modified Component 756				
ID	EMAPA:31058	Is Group Term	true	
Name	ovigerous cord			
Starts At	TS24	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17962[ovary]		
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31058) has order entry <17 for EMAPA:17962>			

Modified Component 757				

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]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), mesentery(EMAPA:17367), rest of mesentery(EMAPA:29609)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29609) has order entry <0 for EMAPA:17367>			

Modified Component 758			
ID	EMAPA:29605	Is Group Term	false
Name	coelomic vessel		
Starts At	TS28	Ends At	TS28
Primary Parents	EMAPA:29603[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 vessel			
Starts At	TS28 Ends At TS28			
Primary Parents	EMAPA:29603[vasculature of testis]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765),			

Modified Component 759				
	organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603), interstitial vessel(EMAPA:29607)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29607) has order entry <1 for EMAPA:29603>			

Modified Component 760				
ID	EMAPA:29603	Is Group Term	false	
Name	vasculature of te	stis		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:17972[testis]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), vasculature of testis(EMAPA:29603)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:29603) has order entry <11 for EMAPA:17972>			

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

Modified Component 761			
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), muscle layer of rest of oviduct(EMAPA:30049), circular muscle layer of rest of oviduct(EMAPA:30051)]		
Rule Status	PASSED Edit Status CHANGED		
Comments	1.		
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30051) has order entry <1 for EMAPA:30049>		

[U-turn] [Abstract anatoorgan system(EMorgan (EMAPA:162) metanephros(EMAPA:162) Henle(EMAPA:280) 1. [Abstract anorgan system(EMOrgan (EMAPA:162) metanephros(EMAPA:162) metanephros(EMAPA:162) metanephros(EMAPA:280) tubule(EMAPA:280) tubule(EMAPA:33) 2. [Abstract anorgan system(EMAPA:33)	MAPA:16103), visc 245), urinary sys APA:17373), stage 28445), immature 049), medullary ro 1414), bend(EMAPA natomy(EMAPA:0),	se(EMAPA:25765), eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
EMAPA: 28049 [imm EMAPA: 31414 [med EMAPA: 3144 [med	mature loop of Heidullary renal tub omy(EMAPA:0), mounty MAPA:16103), visce 245), urinary system APA:17373), renal 19279), immature 049), bend(EMAPA: natomy(EMAPA:0), MAPA:16103), visce 245), urinary system APA:17373), stage 28445), immature 049), medullary re 1414), bend(EMAPA natomy(EMAPA:0), matomy(EMAPA:0), medullary re 1414), bend(EMAPA	se(EMAPA:25765), eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
[U-turn] [Abstract anatoorgan system(EMorgan (EMAPA:162) metanephros(EMAPA:162) Henle(EMAPA:280) 1. [Abstract anorgan system(EMOrgan (EMAPA:162) metanephros(EMAPA:162) metanephros(EMAPA:162) metanephros(EMAPA:280) tubule(EMAPA:280) tubule(EMAPA:33) 2. [Abstract anorgan system(EMAPA:33)	omy(EMAPA:0), mouse MAPA:16103), visce 245), urinary system 17373), renal 19279), immature 049), bend(EMAPA: 049), bend(EMAPA: 045), urinary system 17373), stage 28445), immature 049), medullary relation (EMAPA: 041), medullary relation (EMAPA: 041), bend(EMAPA: 041), medullary relation (EMAPA: 041), bend(EMAPA: 041), medullary relation (EMAPA: 041), medullary	se(EMAPA:25765), eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
[Abstract anato organ system(EM organ(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:280 tubule(EMAPA:33) 2. [Abstract arorgan system(EMAPA:37)	MAPA:16103), visc 245), urinary sys APA:17373), renal 19279), immature 049), bend(EMAPA: natomy(EMAPA:0), MAPA:16103), visc 245), urinary sys APA:17373), stage 28445), immature 049), medullary re 1414), bend(EMAPA natomy(EMAPA:0), matomy(EMAPA:0), matomy(EMAPA:	eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
[Abstract anato organ system(EM organ(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:162 metanephros(EMAPA:280 tubule(EMAPA:33) 2. [Abstract arorgan system(EMAPA:37)	MAPA:16103), visc 245), urinary sys APA:17373), renal 19279), immature 049), bend(EMAPA: natomy(EMAPA:0), MAPA:16103), visc 245), urinary sys APA:17373), stage 28445), immature 049), medullary re 1414), bend(EMAPA natomy(EMAPA:0), matomy(EMAPA:0), matomy(EMAPA:	eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
organ system(EN organ(EMAPA:162 metanephros(EMAPA:161 Henle(EMAPA:280 1. [Abstract ar organ system(EN organ(EMAPA:162 metanephros(EMAPA:280 tubule(EMAPA:31 2. [Abstract ar organ system(EN organ system(EN organ system(EN EMAPA:31 2. [Abstract ar organ system(EN organ sys	MAPA:16103), visc 245), urinary sys APA:17373), renal 19279), immature 049), bend(EMAPA: natomy(EMAPA:0), MAPA:16103), visc 245), urinary sys APA:17373), stage 28445), immature 049), medullary re 1414), bend(EMAPA natomy(EMAPA:0), matomy(EMAPA:0), matomy(EMAPA:	eral tem(EMAPA:17366), loop of 31021)] mouse(EMAPA:25765), eral tem(EMAPA:17366), IV immature loop of enal :31021)]
organ system(EN organ(EMAPA:162 metanephros(EMAPA:280 tubule(EMAPA:31 2. [Abstract ar organ system(EN	MAPA:16103), visc 245), urinary sys APA:17373), stage 28445), immature 049), medullary ro 1414), bend(EMAPA natomy(EMAPA:0),	eral tem(EMAPA:17366), IV immature loop of enal :31021)]
organ system(EN		mouga (FMADA · 25765)
2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:257 organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366 metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		eral tem(EMAPA:17366), IV immature loop of
3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765) organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		
4. [Abstract anatomy(EMAPA:0), mouse(EMAPA embryo(EMAPA:16039), organ system(EMAPA:16 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:173 stage IV immature nephron(EMAPA:28445), in loop of Henle(EMAPA:28049), medullary renatubule(EMAPA:31414), bend(EMAPA:31021)]		em(EMAPA:16103), inary s(EMAPA:17373), :28445), immature ullary renal
5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]		
6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:2 embryo(EMAPA:16039), organ system(EMAPA:1610 visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373 renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), bend(EMAPA:31021)]		em(EMAPA:16103), inary s(EMAPA:17373), ature loop of enal
	Henle(EMAPA: 28) 3. [Abstract an organ system(Ell organ(EMAPA: 16) metanephros(EMM medulla(EMAPA: 28) tubule(EMAPA: 3) 4. [Abstract and embryo(EMAPA: 1) visceral organ system(EMAPA: 1) stage IV immated loop of Henle(I) tubule(EMAPA: 3) 5. [Abstract and embryo(EMAPA: 1) visceral organ system(EMAPA: 28) tubule(EMAPA: 3) 7. [Abstract and organ system(EMAPA: 3)	Henle(EMAPA:28049), bend(EMAPA: 3. [Abstract anatomy(EMAPA:0), organ system(EMAPA:16103), visc organ(EMAPA:16245), urinary sys metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature Henle(EMAPA:28049), medullary rtubule(EMAPA:31414), bend(EMAPA 4. [Abstract anatomy(EMAPA:0), embryo(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:17366), metanephro stage IV immature nephron(EMAPA loop of Henle(EMAPA:28049), med tubule(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:17366), metanephro stage IV immature nephron(EMAPA loop of Henle(EMAPA:28049), bender of Henle(EMAPA:28049), bender of Henle(EMAPA:28049), metanephro stage IV immature nephron(EMAPA loop of Henle(EMAPA:28049), metanephro nembryo(EMAPA:16039), organ syst visceral organ(EMAPA:16245), ur system(EMAPA:17366), metanephro renal medulla(EMAPA:19279), imm Henle(EMAPA:28049), medullary renal medulla(EMAPA:19279), imm Henle(EMAPA:28049), medullary renal medulla(EMAPA:19279), imm

Modified Component 762				
	<pre>visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), bend(EMAPA:31021)]</pre>			
Rule Status	PASSED Edit Status CHANGED			
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[vagina]			
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), vagina(EMAPA:18986), epithelium of vagina(EMAPA:30991)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30991) has order entry <3 for EMAPA:18986>			

Modified Component 764			
ID	EMAPA:30043	Is Group Term	false
Name	renal medullary c	apillary	
Starts At	TS23	Ends At	TS28
Primary Parents	EMAPA:28457[renal vasculature] EMAPA:31469[small blood vessels] EMAPA:28157[renal medullary vasculature] EMAPA:31443[renal capillaries]		
Group Parents			
Synonyms	[vasa recta]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), renal medullary vasculature(EMAPA:28157), renal medullary capillary(EMAPA:30043)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), 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), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)] [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)] [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal capillaries(EMAPA:31443), renal medullary capillary(EMAPA:30043)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), developing vasculature of urinary system GROUP(JFA:0001008), renal vasculature(EMAPA:28457), renal medullary capillary(EMAPA:30043)] [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 CHANGED Edit Status Rule Status Comments 2. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA: 28157> 3. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <2 for EMAPA:31443> 4. Different Order - This component has no order entries; Referenced Component (EMAPA:30043) has order entry <6 for EMAPA:31469> 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

Modified Component 765				
Primary Parents		erous cord] 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), meiotic oocytes(EMAPA:31025)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), ovigerous cord(EMAPA:31058), meiotic oocytes(EMAPA:31025)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), ovary(EMAPA:17962), meiotic oocytes(EMAPA:31025)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31025) has order entry <0 for EMAPA:31058>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31025) has order entry <4 for EMAPA:17962>			

Modified Component 766				
ID	EMAPA:30997	Is Group Term	true	
Name	muscular layer of	vagina		
Starts At	TS24	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:18986[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	muscle layer of r	est of oviduct		
Starts At	TS28	Ends At	TS28	
Primary Parents	EMAPA:29905[rest	of oviduct]		
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), oviduct(EMAPA:18984), rest of oviduct(EMAPA:29905), 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			

Modified Component 768			
	deferens(EMAPA:29270), longitudinal muscle layer of ductus deferens(EMAPA:30057)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	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: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), 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:17386), 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)]			

Modified Component 770				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male associated reproductive structure(EMAPA:28533), ductus deferens(EMAPA:18681), muscle layer of ductus deferens(EMAPA:29270), circular muscle layer of ductus deferens(EMAPA:30055)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30055) has order entry <0 for EMAPA:29270>			

ID	EMAPA:31017	Is Group Term	false
Name	straight limb		
Starts At	TS22	Ends At	TS24
Primary Parents		nmature loop of He edullary renal tub	
Group Parents			
Synonyms	[]		
Primary Path	organ system(I organ(EMAPA:16 metanephros(EM medulla(EMAPA:	comy(EMAPA:0), mou EMAPA:16103), visc 5245), urinary sys MAPA:17373), renal 19279), immature 3049), straight li	eral stem(EMAPA:17366), loop of
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)] 2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)]		
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]		
	4. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17373),		

Modified Component 771					
	stage IV immature nephron(EMAPA:28445), immature loop of Henle(EMAPA:28049), straight limb(EMAPA:31017)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), immature loop of Henle(EMAPA:28049), medullary renal tubule(EMAPA:31414), straight limb(EMAPA:31017)]				
	7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary 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	t Order - This con ferenced Componen O for EMAPA:31414	t (EMAPA:31017)		

Modified Component 772				
ID	EMAPA: 30984 Is Group Term true			
Name	female external g	enitalia		
Starts At	TS23	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17959[femal	e reproductive sys	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	Is Group Term	false	
Name	renal medulla			
Starts At	TS22	Ends At	TS28	
Primary Parents	EMAPA:17373[metanephros]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366),			

Modified Component 773				
	metanephros(EMAPA:17373), renal			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19279) has order entry <17 for EMAPA:17373>			

Modified Component 774				
ID	EMAPA:30072	Is Group Term	false	
Name	mesenchyme of par portion	amesonephric duct	, mesonephric	
Starts At	TS23	Ends At	TS23	
Primary Parents	EMAPA:28937[parammesonephric porti	nesonephric duct o .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), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), mesenchyme of paramesonephric duct, mesonephric portion(EMAPA:30072)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30072) has order entry <1 for EMAPA:28937>			

Modified Component 775				
ID	EMAPA:30070			
Name	epithelium of par portion	amesonephric duct	, mesonephric	
Starts At	TS23	Ends At	TS23	
Primary Parents	EMAPA:28937[paramesonephric duct of female, mesonephric portion]			
Group Parents				
Synonyms	[]			
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of			

Modified Component 775				
	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 system(EMAPA:17381), female reproductive system(EMAPA:17959), mesonephros of female(EMAPA:28909), paramesonephric duct of female, mesonephric portion(EMAPA:28937), epithelium of paramesonephric duct, mesonephric portion(EMAPA:30070)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:30070) has order entry <0 for EMAPA:28937>			

Modified Component 776				
ID	EMAPA:19285	Is Group Term	false	
Name	male accessory gl	and		
Starts At	TS26	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), 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			

Modified Component 777			
	follicle(EMAPA:19284)]		
Rule Status	PASSED	Edit Status	CHANGED
Comments	1.		
	2. Different Order - This component has no 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 ter	rminal branch excl	uding tip itself		
Starts At	TS21	Ends At	TS28		
Primary Parents	EMAPA: 27721[nephr EMAPA: 28407[colle	rogenic zone] ecting duct]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAF organ(EMAPA:16245 metanephros(EMAPA zone(EMAPA:27721)	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]				
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), nephrogenic zone(EMAPA:27721), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), collecting duct(EMAPA:28407), ureteric tree terminal branch excluding tip itself(EMAPA:31045)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:31045) has order entry <1 for EMAPA:28407>				
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:31045) has order entry <4 for EMAPA:27721>				

Modified Component 779			
ID	EMAPA:30068	Is Group Term	false
Name	cranial suspensor	y ligament	
Starts At	TS23	Ends At	TS23
Primary Parents	EMAPA:17968[male reproductive system]		
Group Parents			
Synonyms	[]		
Primary Path	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cranial suspensory		

Modified Component 779				
	ligament(EMAPA:30	068)]		
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), cranial suspensory ligament(EMAPA:30068)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	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	[Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]			
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), mature nephron(EMAPA:28491), Loop of Henle group(EMAPA:19280)]			
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal medulla(EMAPA:19279), Loop of Henle group(EMAPA:19280)]			
Rule Status	PASSED Edit Status CHANGED			
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19280) has order entry <1 for EMAPA:28491>			
	3. Different Order - This component has no order entries; Referenced Component (EMAPA:19280) has order entry <9 for EMAPA:19279>			

Modified Component 781				
ID	EMAPA:19287	Is Group Term	false	
Name	prostate gland			
Starts At	TS26	Ends At	TS28	
Primary Parents	EMAPA:19285[male accessory gland]			
Group Parents	s			

Modified Component 781				
Synonyms	[]			
Primary Path	[Abstract 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)]			
Alternate Paths	1. [Abstract anatomy(EMAPA:0), 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 anat	omy(EMAPA:0), mou	se(EMAPA:25765),

Modified Component 783				
	embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), testis(EMAPA:17972), tunica albuginea of testis(EMAPA:19289)]			
Rule Status	PASSED	Edit Status	CHANGED	
Comments	1.			
	2. Different Order - This component has no order entries; Referenced Component (EMAPA:19289) has order entry <9 for EMAPA:17972>			

Modified Component 784				
ID	EMAPA:30977	Is Group Term	true	
Name	male external gen	italia		
Starts At	TS23	Ends At	TS28	
Primary Parents				
Group Parents	EMAPA:17968[male	reproductive syst	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[corti stroma]	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			

Modified Component 785					
of cortical component of mesenchymal stroma of ovary(EMAPA: 31040)					
Rule Status	PASSED Edit Status CHANGED				
Comments	1.				
	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 systeexternal 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),			

Modified Component 787					
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), scrotum(EMAPA:19296)]				
Rule Status	PASSED	PASSED Edit Status CHANGED			
Comments	1.	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 cel	1		
Starts At	TS24	Ends At	TS27	
Primary Parents	EMAPA:31058[ovige component of mese	rous cord] EMAPA: nchymal stroma]	29009[cortical	
Group Parents				
Synonyms	[]			
Primary Path	[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 co ferenced 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

Modified Component 789					
Primary Parents	EMAPA:16367[genit	ourinary system]			
Group Parents					
Synonyms	[]				
Primary Path	organ system(EMAP organ(EMAPA:16245	(EMAPA:0), mouse(A:16103), viscera), genitourinary 7), genital swell	1		
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.				
		t Order - This co ferenced Componen 16 for EMAPA:1636	t (EMAPA:30074)		

Modified Component 790						
ID	EMAPA:30077	MAPA:30077 Is Group Term false				
Name	dorsal genital sw	relling				
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	organ(EMAPA:16245	A:16103), viscera), reproductive 1), male reproduc	1	

Modified Component 791					
	genitalia(EMAPA:3 penis(EMAPA:19294	30977), penis(EMAP.	A:18682), crus		
	2. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), penis(EMAPA:18682), crus penis(EMAPA:19294)]				
	3. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), male reproductive system(EMAPA:17968), male external genitalia(EMAPA:30977), penis(EMAPA:18682), crus penis(EMAPA:19294)]				
Rule Status	PASSED	Edit Status	CHANGED		
Comments	1.				
	order entries; Re	nt Order - This con eferenced Componen 1 for EMAPA:18682	t (EMAPA:19294)		

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 anat embryo(EMAPA:1603	omy(EMAPA:0), mou: 9), organ system(1	se(EMAPA:25765), EMAPA:16103),	

Modified Component 793					
	visceral organ(EMAPA:16245), reproductive system(EMAPA:17381), genital tubercle(EMAPA:17382), ventrolateral genital swelling(EMAPA:30079)]				
Rule Status			CHANGED		
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 Componen	t 796					
ID	EMAPA:19290 Is Group Term false					
Name	epididymis					
Starts At	TS23	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), 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	
Name		sement membrane	Tarbe	
Starts At	TS22	Ends At	TS27	
		aturing glomerula:		
Primary Parents	EMAPA · 2 / 949 [IIIo	during gromerura.	r turtj	
Group Parents	[]			
Synonyms	[]	comy(EMAPA:0), mo		
	organ(EMAPA:16 metanephros(EM cortex(EMAPA:1 corpuscle(EMAP	MAPA:17373), rena 17952), maturing : PA:27943), maturi 949), glomerular	stem(EMAPA:17366), l renal ng glomerular	
Alternate Faths	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:1006)]			
		anatomy(EMAPA:0), EMAPA:16103), vis	mouse(EMAPA:25765), ceral	

Modified Component 797 organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)] 5. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373) stage IV immature nephron(EMAPA: 28445), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)] 6. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)] 7. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), late tubule(EMAPA:28527), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA: 27949), glomerular basement membrane(EMAPA:30965)] 8. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), renal cortex(EMAPA:17952), maturing nephron(EMAPA:28485), maturing renal corpuscle(EMAPA:27943), maturing glomerular tuft(EMAPA:27949), glomerular basement membrane(EMAPA:30965)] 9. [Abstract anatomy(EMAPA:0), mouse(EMAPA:25765), embryo(EMAPA:16039), organ system(EMAPA:16103), visceral organ(EMAPA:16245), urinary system(EMAPA:17366), metanephros(EMAPA:17373), early nephron GROUP(EMAPA:17954), maturing renal corpuscle(EMAPA:27943), maturing glomerular

tuft(EMAPA:27949), glomerular basement

has order entry <3 for EMAPA:27949>

Edit Status

2. Different Order - This component has no order entries; Referenced Component (EMAPA:30965)

CHANGED

membrane(EMAPA:30965)]

PASSED

Rule Status

Comments

DELETED COMPONENTS

Total Deleted Components: 1

1. EMAPA:30759 - follicle cell of primordial follicle

DETAILS:

Deleted Components 1						
ID	EMAPA:30	759	Is Group Term		false	
Name	follicle	cell of	primordial fo	ollic	Le	
Starts At			Ends At			
Primary Parents						
Group Parents						
Synonyms	[granulo	[granulose cell]				
Primary Path	[N/A]					
Alternate Paths						
Rule Status	PASSED		Edit Status		DELETED	
Comments	1. OBO File database	OBO File and can be scheduled for deletion in				
	2.	INFO: Ob	solete 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.