KEY:

Red Highlights: Changes to be made to DB ontology based on differences with ontology in flat files (for Editorial Office Use Only)

Red text: Changes to be made to DB ontology that were unable to be made during last ontology update (for Editorial Office Use Only)

TS21 urinary and reproductive systems (13dpc)

EMAP:25786	mouse				
EMAP:4908	organ system				
EMAP: 4909	visceral organ				
EMAP:5500	- urinary system				
EMAP:5502	hesentery				
EMAP:29611	rest of mesentery				
EMAP:5503	L urogenital mesentery				
EMAP:5504					
EMAP:27715					
EMAP:27722					
EMAP:5512					
EMAP:27736					
EMAP:27743					
EMAP:27750	- ureteric tip (syn: ureteric ampulla)				
EMAP:31046	L ureteric tree terminal branch excluding tip itself				
EMAP:27680					
EMAP:31701					
EMAP:31837					
EMAP:31732	proximal renal vesicle				
EMAP:27683					
EMAP:27686	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)				
EMAP:27689	lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)				
EMAP:31718					
EMAP:27757	s-shaped body (syn: stage II nephron)				
EMAP:27759	- renal connecting tubule of s-shaped body				
EMAP:27761	distal segment of s-shaped body (syn: upper limb of s-shaped body)				
EMAP:27763					
EMAP:27765	L proximal segment of s-shaped body (syn: lower limb of s-shaped body)				
EMAP:27767					
EMAP:27769					
EMAP:27771					
EMAP:27777	associated interstitium				
EMAP:27775					
EMAP:27781					
EMAP:27779					
EMAP:27773					
EMAP:27783					
EMAP:27785	- early proximal tubule (syn: early proximal tubule of capillary loop nephron)				
EMAP:27787					
EMAP:27789					
EMAP:27791	L renal connecting tubule (syn: renal connecting tubule of capillary loop nephron)				
EMAP:27793	renal interstitium				
EMAP:31280	renal fibroblasts				
EMAP:31275	resident macrophages (syn: renal monocytes)				
EMAP:31272					
EMAP:31278	L rest of renal interstitium				
EMAP:27796					
EMAP:28406	ureteric trunk (syn: ureteric stalk)				
EMAP:5507	L pelvis				
EMAP:28379	renal artery				
EMAP:29996	- endothelium of renal artery				
EMAP:30004	L smooth muscle layer of renal artery				
EMAP:28383	- renal vein				
EMAP:30012	- endothelium of renal vein				
EMAP:30020					
EMAP:5509					

EMAD. 20505	L L L urotholium (evn: transitional onitholium)				
EMAP:28585 EMAP:28589					
EMAP:30027	superficial cellular layer (syn: umbrella cell) L deep cellular layer (syn: basal urothelium)				
EMAP:28557	ureteral mesenchyme				
EMAP:28563					
EMAP:28568	middle layer (syn: presumptive larmina propria)				
EMAP:28571	Louter layer (syn: presumptive directeral smooth muscle layer)				
EMAP:30852	L ureteral vasculature				
EMAP:28549	- allantois				
EMAP:5517	urogenital sinus				
EMAP:31674	developing vasculature of urogenital sinus				
EMAP:31676	nerves of urogenital sinus				
EMAP:31662	- pelvic ganglion				
EMAP:31664	L nerve of urogenital sinus				
EMAP:30872	primitive bladder (syn: cranial urogenital sinus)				
EMAP:30875	epithelial layer of primitive bladder				
EMAP:30878	mesenchymal layer of primitive bladder				
EMAP:31666	mesenchymal layer of dorsal primitive bladder				
EMAP:31653	L mesenchymal layer of ventral primitive bladder				
EMAP:31693					
EMAP:30892					
EMAP: 30894					
EMAP:31826					
EMAP:31825 EMAP:31765	L ventral mesenchyme of pelvic urethra				
EMAP:31758	L nerve of pelvic urethra				
EMAP:30896	- nerve or pervie dietina				
EMAP:31757	L nerve of caudal urethra				
EMAP:30898	- urethral plate				
EMAP:30900	urethral fold				
EMAP:5521	urorectal septum				
EMAP:5516	urogenital membrane				
EMAP:5522	reproductive system				
EMAP:5532	male reproductive system				
EMAP:29140					
EMAP:5534	nephric duct of male, mesonephric portion (syn: mesonephric duct of male,				
	; Wolffian duct of male <mark>, mesonephric portion</mark>)				
EMAP:29145 EMAP:29150					
EMAP:30530					
EMAP:30534	mesonephric glomerulus of male				
EMAP:30538	L rest of cranial mesonephric tubule of male				
EMAP:30542	caudal mesonephric tubule of male				
EMAP:29160	paramesonephric duct of male, mesonephric portion (syn: mesonephric portion of				
male; Müllerian duct	of male; M□llerian duct of male)				
EMAP:30462	Coelomic epithelium of male mesonephros				
EMAP:31685	developing vasculature of male mesonephros				
EMAP:29186					
EMAP:29188	epithelium of rest of paramesonephric duct of male				
EMAP: 29190	L mesenchyme of rest of paramesonephric duct of male				
EMAP: 29174					
EMAP:29182 EMAP:29178	L mesenchyme of rest of nephric duct of male				
EMAP: 5536	testis				
EMAP:5537	coelomic epithelium of testis				
EMAP:29191	rete testis				
EMAP:29076	interstitium of the testis (syn: interstitial tissue)				
EMAP:29084	fetal Leydig cell				
EMAP:29092	rest of interstitium of the testis (syn: non-specific mesenchyme)				
EMAP:29116	developing vasculature of the testis				
EMAP:29124	coelomic vessel				
EMAP:29132	L interstitial vessel				
EMAP:29100	primary sex cord				
EMAP:29108	Sertoli cell				

EMAP:5539	- germ cell of the testis
EMAP:29112	L peritubular myoid cell
EMAP: 5535	- mesorchium
EMAP: 5533	
EMAP: 29172	genital tubercle surface epithelium of male
EMAP:30469	- gental tabercle mesenchyme of male - urethral epithelium of male (syn: urethral plate; urethral seam)
EMAP:31599	distal urethral epithelium of male
EMAP:31602	- proximal urethral epithelium of male
EMAP:31594	L urethral opening of male
EMAP:31853	distal genital tubercle of male (syn: glans of male)
EMAP:31854	surface epithelium of distal genital tubercle of male
EMAP:31852	
EMAP:31592	proximal genital tubercle of male
EMAP:31586	- surface epithelium of proximal genital tubercle of male
EMAP:31584	mesenchyme of proximal genital tubercle of male
EMAP:30483	- preputial swelling of male (syn: prepuce of male)
EMAP:31850	- surface epithelium of male preputial swelling
EMAP:31851	preputial gland of male
EMAP:31849	mesenchyme of male preputial swelling
EMAP:31607	developing vasculature of male genital tubercle
EMAP:5523	L female reproductive system
EMAP:28911	- mesonephros of female
EMAP:28916	mesonephric mesenchyme of female mesonephros
EMAP:28921	- mesonephric tubule of female
EMAP:30546	cranial mesonephric tubule of female
EMAP:30549	mesonephric glomerulus of female
EMAP:30552	rest of cranial mesonephric tubule of female
EMAP:30555	caudal mesonephric tubule of female
EMAP:28926	hephric duct of female, mesonephric portion (syn: mesonephric duct of female;
mesonephric portion; V	
EMAP: 28939	paramesonephric duct of female, mesonephric portion (syn: Müllerian duct of female;
M□llerian duct of femalemap: 28931	
EMAP:28936	coelomic epithelium of female mesonephros
EMAP:31689	developing vasculature of female mesonephros
EMAP:28942	paramesonephric duct of female, rest of (syn: Müllerian duct of female; M□llerian duct
of female; rest of)	
EMAP:28958	- epithelium of rest of paramesonephric duct of female
EMAP:28962	mesenchyme of rest of paramesonephric duct of female
EMAP:28946	nephric duct of female, rest of (syn: mesonephric duct of female; rest of)
EMAP:28950	- epithelium of rest of nephric duct of female
EMAP:28954	mesenchyme of rest of nephric duct of female
EMAP:5526	- ovary
EMAP:5527	surface epithelium of ovary (syn: coelomic epithelium; mesothelium)
EMAP:5528	mesenchymal stroma of ovary
EMAP:5529	germ cell of ovary (syn: oogonia; premeiotic germ cell)
EMAP:28972	premeiotic germ cell (syn: oogonia)
EMAP:28967	L meiotic germ cell (syn: oocyte)
EMAP:28890	developing vasculature of ovary
EMAP:5530	rete ovarii of ovary
EMAP:5525	- mesovarium
EMAP:29619	genital tubercle of female (syn: clitoris anlage)
EMAP:29628	genital tubercle surface epithelium of female
EMAP: 29623	genital tubercle mesenchyme of female
EMAP: 30472	- urethral epithelium of female (syn: urethral plate; urethral seam)
EMAP: 31681	distal urethral epithelium of female
EMAP: 31667	- proximal urethral epithelium of female
EMAP:31670	urethral opening of female
EMAP:30480	- preputial swelling of female (syn: prepute of female)
EMAP:31843	surface epithelium of female preputial swelling
EMAP:31842	
EMAP:31841 EMAP:31838	distal genital tubercle of female (syn: glans of female)
EMAP:31838 EMAP:31840	surface epithelium of distal genital tubercle of female
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EMAP:31839			L mesenchyme of distal genital tubercle of female
EMAP:31597			 proximal genital tubercle of female
EMAP:31679			surface epithelium of proximal genital tubercle of female
EMAP:31677	İİ	ĺ	mesenchyme of proximal genital tubercle of female
EMAP:31589	Ιİ	ĺĺ	Leveloping vasculature of female genital tubercle

TS21 Groups

'G' : Term is a group.

	mouse
EMAP: 4908	organ system
EMAP:4909	L visceral organ
EMAP:5500	urinary system
EMAP:5504	metanephros (syn: kidney)
EMAP:5513 G	early nephron GROUP (syn: early tubule)
EMAP:27680	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31701	renal connecting segment of renal vesicle
EMAP:31837	distal renal vesicle
EMAP:31732	L proximal renal vesicle
EMAP:27683	- comma-shaped body
EMAP:27686	- upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27689	lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31718	renal connecting segment of comma-shaped body
EMAP:27757	- s-shaped body (syn: stage II nephron)
EMAP:27759	- renal connecting tubule of s-shaped body
EMAP:27761	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27763	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:27765	proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27767	visceral epithelium
EMAP:27769	parietal epithelium
EMAP:27771	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27777	associated interstitium
EMAP:27775	- parietal epithelium
EMAP:27781	presumptive endothelium of renal corpuscle
EMAP:27779	presumptive mesangium
EMAP:27773	L visceral epithelium (syn: podocyte layer)
EMAP:27783	renal tubule (syn: renal tubule of capillary loop nephron)
EMAP:27785	early proximal tubule (syn: early proximal tubule of capillary loop nephron)
EMAP:27787	anlage of the loop of Henle
EMAP:27789	early distal tubule (syn: early distal tubule of capillary loop nephron)
EMAP:27791	renal connecting tubule (syn: renal connecting tubule of capillary loop nephron)
EMAP:5508 G	primitive collecting duct group (syn: ureteric tree)
EMAP:27750	ureteric tip (syn: ureteric ampulla)
EMAP:31046	-ureteric tree terminal branch excluding tip itself
EMAP:28406	ureteric trunk (syn: ureteric stalk)
EMAP:31855 G	renal interstitium group
EMAP:5512	- nephrogenic interstitium (syn: peripheral blastema)
EMAP:27793	renal interstitium
EMAP:31280	- renal fibroblasts
EMAP:31275	resident macrophages (syn: renal monocytes)
EMAP:31272	nephrogenic interstitium (syn: peripheral blastema)
EMAP:31278	rest of renal interstitium
EMAP:31767 G	nephrogenic zone GROUP
EMAP:31272	l l L nephrogenic interstitium (syn: peripheral blastema)
EMAP:31769 G	developing vasculature of urinary system GROUP
EMAP:27796	developing vasculature of metanephros
EMAP:31693	developing vasculature of primitive bladder
EMAP:31674	developing vasculature of urogenital sinus
EMAP:28458	renal vasculature
EMAP:27781	- presumptive endothelium of renal corpuscle
EMAP:28379	- renal artery
EMAP:29996	endothelium of renal artery
EMAP:30004	smooth muscle layer of renal artery

EMAP:28383 EMAP:30012 EMAP:30020 EMAP:27796 EMAP:30852 EMAP:28458 G EMAP:27781 EMAP:28379 EMAP:29996 EMAP:30004 EMAP:30004 EMAP:30020 EMAP:30020 EMAP:3796 EMAP:5522 EMAP:5522 EMAP:5523 EMAP:5523 EMAP:5526 EMAP:31589 EMAP:31689 EMAP:31689 EMAP:31685 EMAP:28890 EMAP:29116 EMAP:29114	
EMAP:30020 EMAP:27796 EMAP:5522 EMAP:5523 EMAP:5523 EMAP:5526 EMAP:31778 G EMAP:31689 EMAP:31689 EMAP:31685 EMAP:31685 EMAP:28890 EMAP:29116	L smooth muscle layer of renal vein L developing vasculature of metanephros reproductive system male reproductive system female reproductive system L ovary developing vasculature of reproductive system GROUP developing vasculature of female genital tubercle developing vasculature of female mesonephros developing vasculature of male genital tubercle developing vasculature of male mesonephros developing vasculature of ovary developing vasculature of the testis