TS25 urinary and reproductive systems (17dpc)

EMAP:25790	mouse
EMAP:9800	- organ system
EMAP:9801	visceral organ
EMAP:10886	urinary system
EMAP:10894	- mesentery
EMAP: 29615	- rest of mesentery
EMAP:10895	Lurogenital mesentery
EMAP:10896 EMAP:10907	
EMAP:10907 EMAP:27726	- remarcapsule
EMAP:27733	nephrogenic interstitium (syn: peripheral blastema)
EMAP:27740	- cap mesenchyme (syn: condensed mesenchyme)
EMAP:27747	- pretubular aggregate (syn: pretubular condensate)
EMAP:27754	- ureteric tip (syn: ureteric ampulla)
EMAP:31050	Lureteric tree terminal branch excluding tip itself
EMAP:10906	renal cortex
EMAP:27833	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31697	- renal connecting segment of renal vesicle
EMAP:31728	distal renal vesicle
EMAP:31722 EMAP:27839	
EMAP: 27845	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27851	
EMAP:31714	renal connecting segment of comma-shaped body
EMAP:27857	- s-shaped body (syn: stage II nephron)
EMAP:27869	renal connecting tubule of s-shaped body
EMAP:27875	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27881	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:27887	L proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27899	visceral epithelium of s-shaped body
EMAP: 27905	L parietal epithelium of s-shaped body
EMAP:27911 EMAP:27929	- capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron) - associated interstitium of renal corpuscle
EMAP:27923	
EMAP:27941	presumptive endothelium of renal corpuscle
EMAP:27935	presumptive mesangium
EMAP:27917	L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27947	maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27953	maturing glomerular tuft (syn: maturing glomerulus)
EMAP:27959	- glomerular capillary system of maturing glomerular tuft
EMAP: 27965	glomerular mesangium
EMAP: 27971	visceral epithelium of maturing renal corpuscle (syn: podocyte layer) L glomerular basement membrane
EMAP:30969 EMAP:27977	Bowman's capsule (syn: glomerular capsule)
EMAP:27983	
EMAP:27989	urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30035	Glomerular mesangium of Bowman's capsule
EMAP:27995	L juxtaglomerular arteriole
EMAP:28231	afferent arteriole
EMAP:28234	L efferent arteriole
EMAP:28237	mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28240	glomerular tuft (syn: glomerulus)
EMAP:28246	
EMAP:28249 EMAP:28252	
EMAP:28255	L visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28258	Bowman's capsule (syn: glomerular capsule)
EMAP:28261	parietal epithelium
EMAP:28264	Lurinary space of renal corpuscle (syn: Bowman's space)
EMAP:28267	afferent arteriole
EMAP:28270	
EMAP:28273	L rest of afferent arteriole
EMAP: 28276	- efferent arteriole
EMAP: 28279	
EMAP:10916 EMAP:28282	cortical renal tubule
EMAP:28285	
EMAP:31705	early proximal tubule early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
	1 1 1 1 1 1 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1

EMAP:31613	Learly proximal tubule of maturing nephron
EMAP:28288	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31285	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28388 EMAP:28391	- renal distal tubule
EMAP:31640	
EMAP:31619	Learly distal tubule of eaphilary loop frephron
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	L distal straight tubule (syn: thick ascending limb)
EMAP:31380	premacula segment of distal straight tubule
EMAP:28400	macula densa
EMAP:28403	postmacula segment of distal straight tubule
EMAP:28015	L renal connecting tubule
EMAP:31625	renal connecting tubule of capillary loop nephron
EMAP:31631	renal connecting tubule of maturing nephron
EMAP:31634	L renal connecting tubule of mature nephron
EMAP:28134	cortical collecting duct
EMAP:28140	
EMAP:31292 EMAP:31300	
EMAP:31300	L rest of renal cortical interstitium
EMAP:28145	- renal cortical vasculature
EMAP:28150	renal cortical arterial system
EMAP:28213	interlobular artery
EMAP:28216	arcuate artery
EMAP:28155	renal cortical venous system
EMAP:28219	interlobular vein
EMAP:28222	Larcuate vein
EMAP:30040	
EMAP:31315	
EMAP:31322 EMAP:28045	- Tenal contrar ves
EMAP:28311	- outer medulla
EMAP:28323	
EMAP:28326	+ thin descending limb
EMAP:28329	+ thin ascending limb (syn: ascending thin limb)
EMAP: 28863	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule) premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:28332 EMAP:28338	- premacula segment of distal straight tubule (synt. thick ascending limb)
EMAP:31385	outer medullary fibroblast
EMAP:31390	- resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31395	rest of outer medullary interstitium
EMAP:28347	L outer medullary collecting duct
EMAP:28350	inner medulla (syn: papilla)
EMAP:28353	
EMAP:28356 EMAP:28359	
EMAP:28362	L thin ascending limb (syn: ascending thin limb)
EMAP:28365	inner medullary interstitium (syn: papillary interstitium)
EMAP:31400	inner medullary fibroblast
EMAP:31405	- resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:31410	L rest of inner medullary interstitium
EMAP:28371	l l l inner medullary collecting duct (syn: papillary collecting duct)
EMAP:28160	renal medullary vasculature
EMAP: 28165	
EMAP:28170 EMAP:30046	
EMAP:31350	renal meduliary lymphatics
EMAP:31357	L renal medullary nerves
EMAP:10899	- calyx
EMAP:10900	major
EMAP:10901	L minor
EMAP:10902	L pelvis
EMAP:28081	pelvic urothelial lining (syn: pelvic urothelium)
EMAP:28123	
EMAP:28087 EMAP:31363	
EMAP:31369	Fresident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
interstitium)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EMAP:31375	L rest of perihilar interstitium
EMAP:28374	renal artery
EMAP:29979	- endothelial layer of renal artery
EMAP:30000	- endothelium of renal artery
	Δ

EMAP:30008	L smooth muscle layer of renal artery
EMAP:28377	renal vein
EMAP:29967	- endothelial layer of renal vein
EMAP:30016	endothelium of renal vein
EMAP:30024	smooth muscle layer of renal vein
EMAP:10904	ureter
EMAP:28093	urothelium of ureter (syn: transitional epithelium)
EMAP:28593	- superficial cell layer of ureter (syn: umbrella cell)
EMAP:28804	- intermediate cell layer of ureter
EMAP:28809	basal cell layer of ureter
EMAP:28842	- lamina propria
EMAP:28845	- ureteral smooth muscle layer
EMAP:28848	- smooth muscle component
EMAP:28851	interstitium (syn: Cajal cell)
EMAP:28118	l - adventitia of ureter
EMAP:30856	Lureteral vasculature
EMAP:10888	- bladder
EMAP:28605	urothelium of bladder (syn: epithelium of bladder)
EMAP:32378	superficial cell layer of bladder
EMAP:32385	- basal cell layer of bladder
EMAP:28611	urothelium of fundus
EMAP:28617	- urothelium of trigone
EMAP:30085	urothelium of neck
EMAP:30092	lamina propria of bladder
EMAP:30106	lamina propria of fundus
EMAP:30113	lamina propria of trigone
EMAP:30120	l lamina propria of neck
EMAP:28623	muscularis mucosa of bladder
EMAP:28629	muscularis mucosa of fundus
EMAP:28635	- muscularis mucosa of trigone
EMAP:30141	muscularis mucosa of neck
EMAP:32392	submucosa of bladder
EMAP:32406	- submucosa of fundus
EMAP:32505	submucosa of trigone
EMAP:32399	submucosa of neck
EMAP:28641	detrusor muscle of bladder
EMAP:28647	detrusor muscle of fundus
EMAP:28653	detrusor muscle of trigone
EMAP:30127	L detrusor muscle of neck
EMAP:28665	serosa of bladder
EMAP:28671	serosa of fundus
EMAP:28677	serosa of trigone
EMAP:30134	L serosa of neck
EMAP:28829	- adventitia of bladder
EMAP:28834	adventitia of fundus
EMAP:28839	adventitia of trigone
EMAP:30147	Ladventitia of neck
EMAP:28683	vasculature of bladder (syn: blood vessel of bladder)
EMAP:31657	L nerve of bladder
EMAP:10891	urachus
EMAP:28751	urethra of female
EMAP:28757	- pelvic urethra of female
EMAP:28763	urothelium of pelvic urethra of female
EMAP: 32348	urothelium of dorsal pelvic urethra of female
EMAP:32355	- superficial cell layer of dorsal pelvic urethra of female
EMAP: 32517	intermediate cell layer of dorsal pelvic urethra of female
EMAP: 32361	L basal cell layer of dorsal pelvic urethra of female
EMAP: 32422	urothelium of ventral pelvic urethra of female
EMAP: 32458	superficial cell layer of ventral pelvic urethra of female
EMAP: 32511	intermediate cell layer of ventral pelvic urethra of female
EMAP: 32464	Language Layer of ventral pelvic urethra of female
EMAP: 28769	mesenchymal layer of pelvic urethra of female
EMAP: 31750	mesenchymal layer of dorsal pelvic urethra of female
EMAP: 32480	
	male; sub-epithelial mesenchymal layer of dorsal pelvic urethra of female)
EMAP: 32476	
EMAP: 32547	L submucosa of dorsal pelvic urethra of female
EMAP:31747	
	emale; sub-epithelial mesenchymal layer of ventral pelvic urethra of female)
EMAP: 32531	- muscularis mucosa of ventral pelvic urethra of female
EMAP: 32527	L submucosa of ventral pelvic urethra of female
EMAP:32440	L mesenchymal pad of pelvic urethra of female
	1 1 1 2

EMAP:28775	h muscle layer of pelvic urethra of female
EMAP:31764	muscle layer of dorsal pelvic urethra of female
EMAP:31761	muscle layer of ventral pelvic urethra of female
EMAP:32426	- vasculature of pelvic urethra of female
EMAP:31797	- nerve of pelvic urethra of female
	neural crest derivative of pelvic urethra of female
EMAP: 32443	
EMAP:30920	phallic urethra of female (syn: external urethra of female)
EMAP:30931	- urothelium of phallic urethra of female
EMAP:30935	- mesenchymal layer of phallic urethra of female
EMAP:30939	muscle layer of phallic urethra of female
EMAP:31738	l nerve of phallic urethra of female
EMAP:10949	urethra of male
EMAP:10950	pelvic urethra of male
EMAP:28701	urothelium of pelvic urethra of male
EMAP:32495	urothelium of dorsal pelvic urethra of male
EMAP:32342	- superficial cell layer of dorsal pelvic urethra of male
EMAP:32523	intermediate cell layer of dorsal pelvic urethra of male
EMAP:32326	basal cell layer of dorsal pelvic urethra of male
EMAP:32317	urothelium of ventral pelvic urethra of male
EMAP:32432	superficial cell layer of ventral pelvic urethra of male
EMAP:32553	intermediate cell layer of ventral pelvic urethra of male
	L basal cell layer of ventral pelvic urethra of male
EMAP: 32332	
EMAP: 28707	- mesenchymal layer of pelvic urethra of male
EMAP:31744	- mesenchymal layer of dorsal pelvic urethra of male
EMAP:32539	
	ub-epithelial mesenchymal layer of dorsal pelvic urethra of male)
EMAP:32543	muscularis mucosa of dorsal pelvic urethra of male
EMAP:32468	submucosa of dorsal pelvic urethra of male
EMAP:31735	- mesenchymal layer of ventral pelvic urethra of male
EMAP:32472	lamina propria of ventral pelvic urethra of male (syn: peri-epithelial mesenchymal layer of
	male; sub-epithelial mesenchymal layer of ventral pelvic urethra of male)
EMAP:32484	muscularis mucosa of ventral pelvic urethra of male
EMAP:32488	L submucosa of ventral pelvic urethra of male
EMAP:32412	L mesenchymal pad of pelvic urethra of male
EMAP:28713	muscle layer of pelvic urethra of male
EMAP:31756	muscle layer of dorsal pelvic urethra of male
EMAP:31753	muscle layer of ventral pelvic urethra of male
EMAP:32336	- vasculature of pelvic urethra of male
EMAP:31787	herve of pelvic urethra of male
EMAP:32437	L neural crest derivative of pelvic urethra of male
EMAP:28719	phallic urethra of male (syn: external urethra of male)
EMAP:28854	- urothelium of phallic urethra of male
EMAP:28857	- mesenchymal layer of phallic urethra of male
EMAP:28860	- muscle layer of phallic urethra of male
EMAP: 31803	nerve of phallic urethra of male
EMAP:10913	- urorectal septum
EMAP:31646	L pelvic ganglion
EMAP:9802	reproductive system
EMAP:9803	- male reproductive system
EMAP:9804	testis
EMAP:29194	- rete testis
EMAP:9809	- interstitium of the testis (syn: interstitial tissue)
EMAP:12996	- fetal Leydig cell
EMAP:12998	rest of interstitium of the testis (syn: non-specific mesenchyme)
EMAP:13004	- tunica vaginalis testis
EMAP:9807	seminiferous cord (syn: seminiferous tubule)
EMAP:13000	F Sertoli cell
EMAP:9808	- germ cell of testis
EMAP:29247	peritubular myoid cell
EMAP:9813	- mediastinum testis
EMAP:29120	- developing vasculature of the testis
EMAP:29128	- coelomic vessel
EMAP:29136	L interstitial vessel
EMAP:29264	tunica albuginea of testis
EMAP:31241	surface epithelium of testis
EMAP:29305	cystic vesicular appendage
EMAP:26916	- inguinal canal
EMAP:29308	inguinal ring
EMAP:29311	- external inguinal ring
EMAP:29314	L internal inguinal ring
EMAP:13006	seminal vesicle (syn: vesicular seminalis)
EMAP:32594	epithelial layer of seminal vesicle
EMAP:32602	- muscle layer of seminal vesicle
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EMAP:32598	
EMAP:32562	L vasculature of seminal vesicle
EMAP:10947	efferent duct of seminal vesicle (syn: vasa efferentia)
EMAP:29319	- epididymis
EMAP:30587	- caput epididymis
EMAP:30613	epithelium of caput of epididymis
EMAP:30617	- muscle layer of caput of epididymis
EMAP:30621	- adventitia of caput of epididymis
EMAP:31206	developing vasculature of caput epididymis
EMAP:30583	cauda epididymis
EMAP:30589	epithelium of cauda of epididymis
EMAP:30593	muscle layer of cauda of epididymis
EMAP:30597	adventitia of cauda of epididymis
EMAP:31196	developing vasculature of cauda epididymis
EMAP:30585	- corpus epididymis
EMAP:30601	epithelium of corpus epididymis
EMAP:30605	- muscle layer of corpus of epididymis
EMAP:30609	- adventitia of corpus of epididymis
EMAP:31201	developing vasculature of corpus epididymis
EMAP:31185	L developing vasculature of epididymis
EMAP:10938	- ductus deferens (syn: vas deferens)
	- epithelium of ductus deferens
EMAP: 29276	- muscle layer of ductus deferens
EMAP: 29272	!!!!!
EMAP: 31191	i i i i . •
EMAP:12723	- appendix epididymis
EMAP:12726	- appendix testis
EMAP:12729	- ejaculatory duct
EMAP:32590	- epithelial layer of ejaculatory duct
EMAP:32368	- mesenchymal layer of ejaculatory duct
EMAP:32447	muscle layer of ejaculatory duct
EMAP:32566	L vasculature of ejaculatory duct
EMAP:32606	- male accessory gland
EMAP:32608	L prostate gland
EMAP:32452	epithelial layer of prostate gland
EMAP:32416	peri-prostatic mesenchyme of prostate gland
EMAP:12733	gubernaculum (syn: caudal suspensory ligament)
EMAP:10940	mesorchium
EMAP:10941	penis (syn: genital tubercle of male)
EMAP:10942	glans penis
EMAP:30647	surface epithelium of glans penis
EMAP:30643	L mesenchyme of glans penis
EMAP:30663	crus penis
EMAP:30669	surface epithelium of crus penis
EMAP:30665	L mesenchyme of crus penis
EMAP:10943	L prepuce of male
EMAP:30656	prepuce surface epithelium of male
EMAP:30660	preputial gland of male
EMAP:30651	prepuce mesenchyme of male
EMAP:29317	L scrotal fold
EMAP:30626	scrotal fold mesenchyme of male
EMAP:30629	
EMAP:10917	L female reproductive system
EMAP:10923	ovary
EMAP:10924	surface epithelium of ovary (syn: coelomic epithelium)
EMAP:30523	tunica albuginea of ovary (syn: ovarian capsule)
EMAP:28886	mesenchymal stroma of ovary
EMAP:29012	cortical component of mesenchymal stroma
EMAP:31042	rest of cortical component of mesenchymal stroma of ovary
EMAP:31037	pre-granulosa cell
EMAP:29017	L medullary component of mesenchymal stroma
EMAP:31031	meiotic oocytes
EMAP:28894	developing vasculature of ovary
EMAP:10928	rete ovarii of ovary
EMAP:10922	mesovarium
EMAP:10925	- cystic vesicular appendage
EMAP:12720	suspensory ligament of ovary
EMAP:10918	Mullerian tubercle
EMAP:10934	- oviduct
EMAP:29044	epithelial layer of oviduct
EMAP:29047	muscle layer of oviduct
EMAP:29050	outer layer of oviduct
EMAP:31216	L developing vasculature of oviduct

EMAP: 10935 EMAP: 29032 EMAP: 29036 EMAP: 29036 EMAP: 31211 EMAP: 30677 EMAP: 10936 EMAP: 10936 EMAP: 10954 EMAP: 29059 EMAP: 29059 EMAP: 29059 EMAP: 29063 EMAP: 29063 EMAP: 29059 EMAP: 29059 EMAP: 29059 EMAP: 29059 EMAP: 29053 EMAP: 29063 EMAP: 31226 EMAP: 31226 EMAP: 31226 EMAP: 31226 EMAP: 31226 EMAP: 31226 EMAP: 31227 EMAP: 31227 EMAP: 31228 EMAP: 30937 EMAP: 30937 EMAP: 29053 EMAP: 30937 EMAP: 30936 EMAP: 30936 EMAP: 30940 EMAP: 30990 EMAP:		
EMAP: 31211 developing vasculature of uterine horn developing vasculature of uterine horn developing vasculature of uterine horn vagina lemap: 10954 lemap: 29059 lemap: 29059 lemap: 29063 lemap: 29063 lemap: 29063 lemap: 29063 lemap: 29063 lemap: 29059 lemap: 29063 lemap: 29056 lemap: 31221 lemap: 29056 lemap: 31221 lemap: 29056 lemap: 30721 lemap: 30721 lemap: 30721 lemap: 30721 lemap: 30721 lemap: 30721 lemap: 30726 lemap: 30731 lemap: 30731 lemap: 30736 lemap: 30730 lemap: 30700 lemap: 307		
EMAP: 31211 EMAP: 30677 EMAP: 10936 EMAP: 10954 EMAP: 29059 EMAP: 29063 EMAP: 29063 EMAP: 29063 EMAP: 29053 EMAP: 29053 EMAP: 29053 EMAP: 29053 EMAP: 29056 EMAP: 29056 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 30272 EMAP: 30372 EMAP: 30731 EMAP: 30706 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30735 EMAP: 30704 EMAP: 307435 EMAP: 307435 EMAP: 30744 EMAP: 307435 EMAP: 30744 EMAP: 30744 EMAP: 30745 EMAP: 30745 EMAP: 30746 EMAP: 30706 EMAP: 30707 EMAP: 30707 EMAP: 30708 EMAP: 30708 EMAP: 30704 EMAP: 30706 EMA		
EMAP: 30677 EMAP: 10936 EMAP: 10954 EMAP: 29059 EMAP: 29053 EMAP: 29056 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 30721 EMAP: 30731 EMAP: 30708 EMAP: 30700 EMAP: 30700 EMAP: 30730 EMAP: 30700 EMAP: 30730 EMAP: 30704 EMAP: 30730 EMAP: 30730 EMAP: 307435 EMAP: 307435 EMAP: 30704 EMAP: 307435 EMAP: 307435 EMAP: 307435 EMAP: 307440 EMAP: 30435 EMAP: 30435 EMAP: 30435 EMAP: 30788 EMAP: 307435 EMAP: 307440 EMAP: 30435 EMAP: 30788 EMAP: 30745 EMAP: 30745 EMAP: 30746 EMAP: 307706 EMAP: 30708 EMAP: 30708 EMAP: 30708 EMAP: 30708 EMAP: 30708 EMAP: 30708 EMAP: 30709 EMAP: 30709 EMAP: 30709 EMAP: 30709 EMAP: 30709 EMAP: 30704 EMAP: 30706 EMAP: 30706 EMAP: 30706 EMAP: 30707 EMAP: 30708 EMAP: 30709 EMAP: 307		
EMAP:10936		
EMAP:10954 lower part of vagina (syn: sinus vagina) epithelial layer of lower part of vagina mesenchymal layer of lower part of vagina mesenchymal layer of lower part of vagina muscular layer of lower part of vagina muscular layer of lower part of vagina		!!!
EMAP:29059	EMAP:10936	! ! ! . "
EMAP: 32321	EMAP:10954	
EMAP: 29063	EMAP:29059	
EMAP: 31226 EMAP: 10937 EMAP: 29053 EMAP: 29053 EMAP: 32372 EMAP: 29056 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 31221 EMAP: 30716 EMAP: 30731 EMAP: 30736 EMAP: 30706 EMAP: 30708 EMAP: 30708 EMAP: 30708 EMAP: 30704 EMAP: 30440 EMAP: 30435 EMAP: 30435 EMAP: 30435 EMAP: 12988 EMAP: 12990 EMAP: 12900 EMAP: 12900 EMAP: 12900 EMAP: 12900 EMAP: 12900 EMAP: 12900 EMAP:	EMAP:32321	
EMAP: 10937 EMAP: 29053 EMAP: 32372 EMAP: 32372 EMAP: 32372 EMAP: 31221 EMAP: 31221 EMAP: 10919 EMAP: 10919 EMAP: 12986 EMAP: 30721 EMAP: 30726 EMAP: 30700 EMAP: 30708 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30440 EMAP: 30440 EMAP: 3093 EMAP: 12988 EMAP: 3098 EMAP: 3098 EMAP: 3098 EMAP: 3098 EMAP: 3098 EMAP: 30990 EMAP: 12990 EMAP: 12990 EMAP: 12990 EMAP: 12990 EMAP: 12990 EMAP: 12990 Internal (syn: deep)	EMAP:29063	, , , , , , , , , , , , , , , , , , , ,
EMAP: 29053	EMAP:31226	
EMAP: 32372	EMAP:10937	, , , , ,
EMAP: 29056 EMAP: 31221 EMAP: 10919 EMAP: 12986 EMAP: 30721 EMAP: 30716 EMAP: 30731 EMAP: 30731 EMAP: 30700 EMAP: 30700 EMAP: 30708 EMAP: 30712 EMAP: 30704 EMAP:	EMAP:29053	epithelial layer of upper part of vagina
EMAP: 31221	EMAP:32372	mesenchymal layer of upper part of vagina
EMAP:10919	EMAP:29056	muscular layer of upper part of vagina
EMAP: 12986 EMAP: 30721 EMAP: 30716 EMAP: 12984 EMAP: 30731 EMAP: 30731 EMAP: 30706 EMAP: 30700 EMAP: 30700 EMAP: 30700 EMAP: 30708 EMAP: 30712 EMAP: 30704 EMAP: 12991 EMAP: 30440 EMAP: 30440 EMAP: 30435 EMAP: 30435 EMAP: 12988 EMAP: 12990 EMAP: 12990 EMAP: 12990 EMAP: 12992 I plans clitoris I mesenchyme of glans clitoris I mesenchyme of crus of clitoris I mesenchyme of crus of clitoris I prepuce of female I prepuce surface epithelium of female I prepuce mesenchyme of female I prepuce of	EMAP:31221	
EMAP: 30721	EMAP:10919	1 1 0
EMAP: 30716 EMAP: 12984 EMAP: 30731 EMAP: 30726 EMAP: 30700 EMAP: 30708 EMAP: 30712 EMAP: 30712 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30704 EMAP: 30705 EMAP: 30706 EMAP: 30707 EMAP:	EMAP:12986	glans clitoris
EMAP: 12984	EMAP:30721	
EMAP: 30731	EMAP:30716	, , , ,
EMAP: 30726 EMAP: 30700 EMAP: 30708 EMAP: 30708 EMAP: 30712 EMAP: 30712 EMAP: 30704 EMAP: 30704 EMAP: 10921 EMAP: 30440 EMAP: 30435 EMAP: 30435 EMAP: 12988 EMAP: 12998 EMAP: 12990 EMAP: 12992	EMAP:12984	crus of clitoris
EMAP: 30700	EMAP:30731	
EMAP: 30708	EMAP:30726	1 1 1 1
EMAP: 30712	EMAP:30700	1 1 1 1 1 1
EMAP: 30704	EMAP:30708	
EMAP:10921 labial swelling (syn: labia) EMAP:30440 surface epithelium of labial swelling EMAP:30435 mesenchymal layer of labial swelling EMAP:12988 inguinal canal EMAP:12990 inguinal ring EMAP:12992 internal (syn: deep)	EMAP:30712	
EMAP: 30440 surface epithelium of labial swelling EMAP: 30435 mesenchymal layer of labial swelling EMAP: 12988 inguinal canal EMAP: 12990 inguinal ring EMAP: 12992 internal (syn: deep)	EMAP:30704	
EMAP:30435 mesenchymal layer of labial swelling EMAP:12988 inguinal canal EMAP:12990 inguinal ring EMAP:12992 internal (syn: deep)	EMAP:10921	
EMAP:12988 inguinal canal EMAP:12990 inguinal ring EMAP:12992 internal (syn: deep)	EMAP:30440	surface epithelium of labial swelling
EMAP:12990 inguinal ring EMAP:12992 internal (syn: deep)	EMAP:30435	
EMAP: 12992 internal (syn: deep)	EMAP:12988	
	EMAP:12990	
EMAP: 12994 external (syn: superficial)	EMAP:12992	
	EMAP:12994	L external (syn: superficial)

TS25 Groups

'G': Term is a group.

EMAD.25700	maura
EMAP:25790 EMAP:9800	mouse - organ system
EMAP: 9801	- visceral organ
EMAP:10886	urinary system
EMAP:10896	metanephros (syn: kidney)
EMAP:10906	renal cortex
EMAP:10916	
EMAP:31822 G	cortical renal tubule of capillary loop nephron GROUP
EMAP:31285	
EMAP:31640	- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31625	L renal connecting tubule of capillary loop nephron
EMAP:31816 G	cortical renal tubule of maturing nephron GROUP
EMAP:31619	early distal tubule of maturing nephron
EMAP:31613	
EMAP:31631	L renal connecting tubule of maturing nephron
EMAP:31791 G	L cortical renal tubule of mature nephron GROUP
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	premacula segment of distal straight tubule
EMAP: 28400	
EMAP: 28403	L postmacula segment of distal straight tubule Frenal connecting tubule of mature nephron
EMAP:31634 EMAP:28288	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28504 G	early tubule
EMAP:27833	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31697	
EMAP:31728	- distal renal vesicle
EMAP:31722	
EMAP:27839	comma-shaped body
EMAP:27845	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27851	
EMAP:31714	L renal connecting segment of comma-shaped body
EMAP:27857	L s-shaped body (syn: stage II nephron)
EMAP:27869	renal connecting tubule of s-shaped body
EMAP:27875	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27881	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP: 27887	L proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP: 27899	visceral epithelium of s-shaped body parietal epithelium of s-shaped body
EMAP:27905 EMAP:28510 G	developing capillary loop stage nephron GROUP (syn: stage III nephron)
EMAP:27911	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27929	
EMAP:27923	parietal epithelium
EMAP:27941	presumptive endothelium of renal corpuscle
EMAP:27935	presumptive mesangium
EMAP:27917	L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:10916	Cortical renal tubule
EMAP:28282	renal proximal tubule
EMAP:28285	early proximal tubule
EMAP:31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31613	L early proximal tubule of maturing nephron
EMAP:28288	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31285	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP: 28388	- renal distal tubule
EMAP: 28391	- early distal tubule - early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31640 EMAP:31619	
EMAP: 28394	
EMAP: 28397	distal convoluted tabule (syn: second convoluted tabule)
EMAP:31380	
EMAP:28400	
EMAP:28403	postmacula segment of distal straight tubule

EMAP:28015	- renal connecting tubule
EMAP: 31625	- renal connecting tubule of capillary loop nephron
EMAP:31631	- renal connecting tubule of maturing nephron
EMAP:31634	L renal connecting tubule of mature nephron
EMAP: 31822	
EMAP:31285 EMAP:31640	
EMAP:31705	
EMAP:31625	
EMAP:31816	- cortical renal tubule of maturing nephron GROUP
EMAP: 31619	- early distal tubule of maturing nephron
EMAP:31613	early proximal tubule of maturing nephron
EMAP:31631	renal connecting tubule of maturing nephron
EMAP:31791	cortical renal tubule of mature nephron GROUP
EMAP:28394	- distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	
EMAP:28400	- macula densa
EMAP:28403	L postmacula segment of distal straight tubule
EMAP:31634	renal connecting tubule of mature nephron
EMAP:28288	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28489 G	maturing nephron (syn: stage IV nephron)
EMAP: 27947	
EMAP:27953 EMAP:27959	
EMAP: 27965	
EMAP:27971	
EMAP:30969	
EMAP: 27977	- Bowman's capsule (syn: glomerular capsule)
EMAP:27983	parietal epithelium
EMAP:27989	- urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30035	L glomerular mesangium of Bowman's capsule
EMAP:27995	L juxtaglomerular arteriole
EMAP:28231	- afferent arteriole
EMAP:28234	L efferent arteriole
EMAP:10916	L cortical renal tubule
EMAP: 28282	
EMAP:28285 EMAP:31705	
EMAP:31613	Learly proximal tubule of maturing nephron
EMAP:28288	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31285	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28388	- renal distal tubule
EMAP:28391	early distal tubule
EMAP:31640	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31619	L early distal tubule of maturing nephron
EMAP: 28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP: 28397	
EMAP:31380 EMAP:28400	
EMAP:28403	
EMAP:28015	- renal connecting tubule
EMAP:31625	
EMAP:31631	- renal connecting tubule of maturing nephron
EMAP:31634	renal connecting tubule of mature nephron
EMAP:31822	- cortical renal tubule of capillary loop nephron GROUP
EMAP:31285	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31640	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31625	L renal connecting tubule of capillary loop nephron
EMAP:31816	- cortical renal tubule of maturing nephron GROUP
EMAP: 31619	
EMAP:31613 EMAP:31631	Early proximal tubule of maturing nephron
EMAP:31791	Cortical renal tubule of mature nephron GROUP
EMAP:28394	
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	premacula segment of distal straight tubule
EMAP:28400	macula densa
EMAP:28403	postmacula segment of distal straight tubule
EMAP:31634	renal connecting tubule of mature nephron
EMAP:28288	

### Late tubule ### Late tubul		
Associated interstitum of renal corpuscie PMAPE 279823	EMAP:28531 G	
## PAMP 177993 ## PAMP 177994 ## PAMP 177994 ## PAMP 177994 ## PAMP 177995 ## PAMP 177996 ## PAM	EMAP:27911	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
Passage 17941	EMAP:27929	- associated interstitium of renal corpuscle
Programmer Pro	EMAP:27923	
EMB-E27917 EMB-E27947 EMB-E27948 EMB-E27948 EMB-E27948 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27949 EMB-E27947 EMB-E27948 EMB-E28248 EMB-E282348 EMB-E2B	EMAP:27941	
maturing renal corpusale (syn: renal corpusale of Stage W nephron)	EMAP:27935	presumptive mesangium
maturing renal corpusale (syn: renal corpusale of Stage W nephron)	EMAP:27917	L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
Month Figure	EMAP:27947	
Month Figure	EMAP:27953	
EMB.F. 27965	:	
EMBP: 27971 EMBP: 27973 EMBP: 27973 EMBP: 27983 EMBP: 27985 EMBP: 28234 EMBP: 28234 EMBP: 28234 EMBP: 28238 EMBP: 28288 EMBP:	:	
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EMAP: 23931 EMAP: 23832 EMAP: 28232 EMAP: 28233 EMAP: 28233 EMAP: 283338 EMAP: 283338 EMAP: 28339 EMAP: 283394 EMAP: 283394 EMAP: 283394 EMAP: 28403 EMAP: 28404 EMAP: 31625 EMAP: 31625 EMAP: 31626 EMAP: 31626 EMAP: 31626 EMAP: 31626 EMAP: 31626 EMAP: 31627 EMAP: 31627 EMAP: 31628 EMAP: 31628 EMAP: 31629	:	
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EMAP: 28236 EMAP: 28285 EMAP: 28286 EMAP: 28286 EMAP: 31613 EMAP: 31613 EMAP: 31285 EMAP: 31286 EMAP: 31287 EMAP: 31288 EMAP: 28391 EMAP: 313164 EMAP: 28394 EMAP: 28394 EMAP: 28395 EMAP: 31613 EMAP: 31613 EMAP: 31610 EMAP: 31610 EMAP: 31610 EMAP: 31620 EMAP: 31621 EMAP: 31631 EMAP: 31634 EMAP: 31636 EMAP:	:	
EMAP:10916 EMAP:28282 EMAP:31705 EMAP:31805 L early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) EMAP:31805 EMAP:31806 EMAP:31807 EMAP:31808 L early distal tubule of capillary loop nephron (syn: anlage of distal tubule) EMAP:31640 EMAP:31807 EMAP:31808 EMAP:31808 EMAP:31808 EMAP:31808 EMAP:31808 EMAP:31816 EMA	:	
EMAP: 28282	!	
EMAP: 28285		
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EMAP: 31613	!	
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EMAP: 31285	:	
EMAP:28381 EMAP:28391 EMAP:38391 EMAP:38391 EMAP:38394 EMAP:38394 EMAP:38394 EMAP:28394 EMAP:38394 EMAP:28395 EMAP:28396 EMAP:38396 EMAP:38396 EMAP:38396 EMAP:38396 EMAP:38397 EMAP:38397 EMAP:38397 EMAP:38398 EMAP:38398 EMAP:38399 EMAP:3	!	
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EMAP: 31822	:	
EMAP: 31285 EMAP: 31640 EMAP: 31705 EMAP: 31625 EMAP: 31625 EMAP: 31616 EMAP: 31619 EMAP: 31613 EMAP: 31613 EMAP: 31631 EMAP: 31631 EMAP: 31631 EMAP: 31631 EMAP: 31830 EMAP: 31830 EMAP: 31631 EMAP: 31630 EMAP:	:	
EMAP: 31640	:	
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EMAP: 31791	EMAP:31613	
EMAP:28394 distal convoluted tubule (syn: second convoluted tubule) EMAP:28397 distal straight tubule (syn: thick ascending limb) EMAP:31380 premacula segment of distal straight tubule EMAP:28400 macula densa postmacula segment of distal straight tubule EMAP:31634 premacula segment of distal straight tubule EMAP:31634 premacula segment of distal straight tubule EMAP:31634 premacula segment of distal straight tubule EMAP:31634 premacuna segment of distal straight tubule EMAP:310450 G postmacula segment of distal straight tubule EMAP:30450 G putaglomerular convoluted tubule (syn: first convoluted tubule) EMAP:28279 package of the straight stra	EMAP:31631	
EMAP:28397 EMAP:31380 EMAP:28400 EMAP:28403 EMAP:31634 EMAP:30450 G EMAP:28279 EMAP:28270 EMAP:28270 EMAP:28280 EMAP:28280 EMAP:28280 EMAP:28280 EMAP:28280 EMAP:28270 EMAP:28280 EMAP:28280 EMAP:28270 EMAP:28280 EMAP:28270 EMAP:28280 EMAP:28280 EMAP:28270 EMAP:28270 EMAP:28280 EMAP:28323 EMAP:28323 EMAP:28323 EMAP:28323 EMAP:28326 EMAP:28329 EMAP:28329 EMAP:28329 EMAP:28329 EMAP:28329 EMAP:28329 EMAP:28329 EMAP:28330 EMAP:28350 EMAP	EMAP:31791	· · · · · · · · · · · · · · · · · · ·
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EMAP: 28403	:	
EMAP: 31634	:	
EMAP: 28288	:	
EMAP: 30450 G	:	1 1 1 1 1
EMAP: 28279	EMAP:28288	
EMAP: 28400	:	
EMAP: 28270	EMAP:28279	
EMAP: 28045	EMAP:28400	
EMAP: 31496 G	:	
EMAP: 28323	:	
EMAP: 28326	:	
EMAP: 28329	:	
EMAP: 28863 proximal straight tubule (syn: pars recta; segment 3 of proximal tubule) EMAP: 28332 premacula segment of distal straight tubule (syn: thick ascending limb) EMAP: 28353 loop of Henle, inner medullary portion EMAP: 28356 thin descending limb EMAP: 28359 bend (syn: U-turn)	:	
EMAP: 28332 premacula segment of distal straight tubule (syn: thick ascending limb) EMAP: 28353 loop of Henle, inner medullary portion EMAP: 28356 thin descending limb EMAP: 28359 bend (syn: U-turn)	:	
EMAP: 28353 loop of Henle, inner medullary portion EMAP: 28356 thin descending limb EMAP: 28359 bend (syn: U-turn)	:	
EMAP: 28356	EMAP:28332	
EMAP: 28359 bend (syn: U-turn)	EMAP:28353	
	EMAP:28356	
EMAP: 28362 L thin ascending limb (syn: ascending thin limb)	EMAP:28359	
	EMAP:28362	thin ascending limb (syn: ascending thin limb)

EMAP:10909 G	early nephron GROUP
EMAP:10916	- cortical renal tubule
EMAP:28282	
EMAP: 28285	
EMAP:31705	
EMAP:31613	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28288 EMAP:31285	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28388	
EMAP:28391	early distal tubule
EMAP:31640	
EMAP:31619	early distal tubule of maturing nephron
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	
EMAP:28400	macula densa
EMAP:28403	Dostmacula segment of distal straight tubule
EMAP:28015	renal connecting tubule
EMAP:31625	renal connecting tubule of capillary loop nephron
EMAP:31631	renal connecting tubule of maturing nephron
EMAP:31634	L renal connecting tubule of mature nephron
EMAP:31822	cortical renal tubule of capillary loop nephron GROUP
EMAP: 31285	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31640	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP: 31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31625	
EMAP:31816 EMAP:31619	early distal tubule of maturing nephron
EMAP:31613	- early distartibute of maturing nephron
EMAP:31631	L renal connecting tubule of maturing nephron
EMAP:31791	Cortical renal tubule of mature nephron GROUP
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	
EMAP:28400	macula densa
EMAP:28403	Dostmacula segment of distal straight tubule
EMAP:31634	renal connecting tubule of mature nephron
EMAP:28288	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:27833	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31697 EMAP:31728	
EMAP:31720	L proximal renal vesicle
EMAP:27839	- comma-shaped body
EMAP:27845	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27851	l - lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31714	renal connecting segment of comma-shaped body
EMAP:27857	- s-shaped body (syn: stage II nephron)
EMAP:27869	renal connecting tubule of s-shaped body
EMAP:27875	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27881	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:27887	L proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP: 27899	visceral epithelium of s-shaped body
EMAP:27905 EMAP:27911	L parietal epithelium of s-shaped body L capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27911 EMAP:27929	associated interstitium of renal corpuscle of the stage in nephron)
EMAP:27923	parietal epithelium
EMAP:27941	presumptive endothelium of renal corpuscle
EMAP:27935	- presumptive mesangium
EMAP:27917	visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27947	- maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27953	- maturing glomerular tuft (syn: maturing glomerulus)
EMAP:27959	glomerular capillary system of maturing glomerular tuft
EMAP:27965	glomerular mesangium
EMAP:27971	visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30969	L glomerular basement membrane
EMAP: 27977	Bowman's capsule (syn: glomerular capsule)
EMAP: 27983	
EMAP: 27989	
EMAP:30035 EMAP:27995	
EMAP:28231	
EMAP:28234	efferent arteriole
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EMAP:28237	L mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28240	- glomerular tuft (syn: glomerulus)
EMAP:28246	
EMAP:28249	glomerular mesangium
EMAP:28252	glomerular basement membrane
EMAP:28255	L visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28258	Bowman's capsule (syn: glomerular capsule)
EMAP:28261	parietal epithelium
EMAP:28264	i i i urinary space of renal corpuscle (syn: Bowman's space)
EMAP:28267	- afferent arteriole
EMAP:28270	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28273	rest of afferent arteriole
EMAP:28276	- efferent arteriole
EMAP:28279	extraglomerular mesangium
EMAP:28492 G	- mature nephron
EMAP:10916	- cortical renal tubule
EMAP:28282	- renal proximal tubule
EMAP:28285	early proximal tubule
EMAP:31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31613	L early proximal tubule of maturing nephron
EMAP:28288	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31285	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28388	- renal distal tubule
EMAP:28391	- early distal tubule
EMAP:31640	
EMAP:31619	Learly distal tubule of maturing nephron
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	
EMAP:28400	macula densa
EMAP:28403	L postmacula segment of distal straight tubule
EMAP:28015	renal connecting tubule
EMAP:31625	- renal connecting tubule of capillary loop nephron
EMAP:31631	renal connecting tubule of maturing nephron
EMAP:31634	L renal connecting tubule of mature nephron
EMAP:31822	cortical renal tubule of capillary loop nephron GROUP
EMAP:31285	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31640	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31705	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31625	L renal connecting tubule of capillary loop nephron
EMAP:31816	cortical renal tubule of maturing nephron GROUP
EMAP:31619	early distal tubule of maturing nephron
EMAP:31613	early proximal tubule of maturing nephron
EMAP:31631	L renal connecting tubule of maturing nephron
EMAP:31791	L cortical renal tubule of mature nephron GROUP
EMAP:28394	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28397	distal straight tubule (syn: thick ascending limb)
EMAP:31380	premacula segment of distal straight tubule
EMAP:28400	
EMAP:28403	L postmacula segment of distal straight tubule
EMAP:31634	renal connecting tubule of mature nephron
EMAP:28288	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31496	Loop of Henle group
EMAP:28323	loop of Henle, outer medullary portion
EMAP:28326	thin descending limb
EMAP:28329	thin ascending limb (syn: ascending thin limb)
EMAP:28863	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:28332	L premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:28353	
EMAP:28356	thin descending limb
EMAP:28359	
EMAP:28362	thin ascending limb (syn: ascending thin limb)
EMAP:28237	mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28240	glomerular tuft (syn: glomerulus)
EMAP:28246	glomerular capillary system
EMAP:28249	glomerular mesangium
EMAP:28252	glomerular basement membrane
EMAP:28255	L visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28258	Bowman's capsule (syn: glomerular capsule)
EMAP:28261	parietal epithelium
EMAP:28264	Lurinary space of renal corpuscle (syn: Bowman's space)
EMAP:28267	afferent arteriole

EMAP:28270	
EMAP:28273	L rest of afferent arteriole
EMAP:28276	efferent arteriole
EMAP:28279	i i extraglomerular mesangium
EMAP:28411 G	collecting duct (syn: ureteric tree)
EMAP:27754	ureteric tip (syn: ureteric ampulla)
EMAP:31050	- ureteric tree terminal branch excluding tip itself
EMAP:28525	L ureteric trunk
EMAP:28134	- cortical collecting duct
EMAP:28347	- outer medullary collecting duct
EMAP:28371	L inner medullary collecting duct (syn: papillary collecting duct)
!!	ureteric trunk
EMAP: 28525 G	
EMAP:28134	- cortical collecting duct
EMAP:28347	outer medullary collecting duct
EMAP:28371	inner medullary collecting duct (syn: papillary collecting duct)
EMAP:28522 G	renal interstitium group
EMAP:27733	hephrogenic interstitium (syn: peripheral blastema)
EMAP:27929	
EMAP:27935	
EMAP:27965	
EMAP:28249	
EMAP:28279	extraglomerular mesangium
EMAP:28140	renal cortical interstitium (syn: cortical stroma)
EMAP:31292	
EMAP:31300	resident macrophages of the cortex (syn: renal monocytes of the cortex)
EMAP:31308	L rest of renal cortical interstitium
EMAP:28338	- outer medullary interstitium
EMAP:31385	- outer medullary fibroblast
EMAP:31300	resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
!!	
EMAP: 31395	L rest of outer medullary interstitium
EMAP:28365	- inner medullary interstitium (syn: papillary interstitium)
EMAP:31400	inner medullary fibroblast
EMAP:31405	resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:31410	L rest of inner medullary interstitium
EMAP:28087	L perihilar interstitium
EMAP:31363	perihilar fibroblast
EMAP:31369	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
interstitium)	
EMAP:31375	L rest of perihilar interstitium
EMAP:31472 G	- small blood vessels
EMAP:30040	
EMAP:28276	
EMAP:28165	renal medullary arterial system
EMAP:28267	afferent arteriole
EMAP:28270	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28273	rest of afferent arteriole
EMAP:28246	- glomerular capillary system
EMAP:27959	glomerular capillary system of maturing glomerular tuft
EMAP:30046	- renal medullary capillary (syn: vasa recta)
EMAP:28170	L renal medullary venous system
1 1	L renal capillaries
EMAP:31446 G EMAP:28246	glomerular capillary system
1 1	
EMAP:30040	renal cortical capillary
EMAP:30046	L renal medullary capillary (syn: vasa recta)
EMAP:31773 G	developing vasculature of urinary system GROUP
EMAP:28462	- renal vasculature
EMAP:28246	glomerular capillary system
EMAP:27959	glomerular capillary system of maturing glomerular tuft
EMAP:27995	juxtaglomerular arteriole
EMAP:28231	
EMAP:28234	L efferent arteriole
EMAP:27941	
EMAP:28374	- renal artery
EMAP:29979	endothelial layer of renal artery
EMAP:30000	endothelium of renal artery
EMAP:30008	L smooth muscle layer of renal artery
EMAP:28377	- renal vein
EMAP:29967	- endothelial layer of renal vein
EMAP:30016	endothelium of renal vein
EMAP:30016	L smooth muscle layer of renal vein
EMAP:30024	- smooth muscle layer of remarkem
!!	Fireflat meduliary capillary (syn. vasa recta)
EMAP: 28213	
EMAP:28216	- arcuate artery
	12

EMAP:28267	afferent arteriole
EMAP:28270	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28273	
EMAP:28219	
EMAP:28222	
EMAP:30856	Lureteral vasculature
EMAP:28462 G	- renal vasculature
EMAP:28246	glomerular capillary system
EMAP:27959	- glomerular capillary system of maturing glomerular tuft
EMAP:27995	- juxtaglomerular arteriole
EMAP:28231	Afferent arteriole
EMAP:28234	efferent arteriole
EMAP:27941	presumptive endothelium of renal corpuscle
EMAP:28374	renal artery
EMAP:29979	- endothelial layer of renal artery
EMAP:30000	- endothelium of renal artery
	L smooth muscle layer of renal artery
EMAP:30008	
EMAP:28377	renal vein
EMAP:29967	- endothelial layer of renal vein
EMAP:30016	- endothelium of renal vein
EMAP:30024	L smooth muscle layer of renal vein
EMAP:30046	renal medullary capillary (syn: vasa recta)
EMAP:28213	interlobular artery
EMAP:28216	
EMAP:28267	
EMAP:28270	- part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28273	
EMAP:28219	interlobular vein
EMAP:28222	i i arcuate vein
EMAP:31439 G	renal arterial system
EMAP:28374	renal artery
EMAP:29979	- endothelial layer of renal artery
EMAP:30000	- endothelium of renal artery
EMAP:30008	L smooth muscle layer of renal artery
EMAP:28213	interlobular artery
EMAP:28216	- arcuate artery
EMAP:28165	L renal medullary arterial system
EMAP:31453 G	- renal venous system
EMAP:28377	renal verious system
!	
EMAP: 29967	- endothelial layer of renal vein
EMAP:30016	- endothelium of renal vein
EMAP:30024	L smooth muscle layer of renal vein
EMAP:28219	- interlobular vein
EMAP:28222	- arcuate vein
EMAP:28267	- afferent arteriole
EMAP:28270	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28273	L rest of afferent arteriole
EMAP:28276	
EMAP:28170	renal medullary venous system
EMAP:31809 G	nerves of urethra GROUP
EMAP:31797	nerve of pelvic urethra of female
EMAP:31787	nerve of pelvic urethra of male
EMAP:31738	nerve of phallic urethra of female
EMAP:31803	nerve of phallic urethra of male
EMAP:9802	i reproductive system
EMAP:9803	male reproductive system
EMAP:29319	- epididymis
EMAP:31006 G	- epithelium of epididymis
EMAP:30613	epithelium of caput of epididymis
EMAP:30601	epithelium of corpus epididymis
EMAP:30589	L epithelium of cauda of epididymis
EMAP:31014 G	- muscle layer of epididymis
EMAP:30617	muscle layer of caput of epididymis
EMAP:30605	- muscle layer of corpus of epididymis
EMAP:30593	L muscle layer of cauda of epididymis
EMAP:31010 G	- adventitia of epididymis
EMAP:30621	adventitia of caput of epididymis
EMAP:30609	adventitia of carput of epididymis
:	L adventitia of corpus of epididymis
EMAP: 30597	L developing vasculature system of epididymis
EMAP:31237 G	
EMAP: 31206	developing vasculature of caput epididymis
EMAP:31201	developing vasculature of corpus epididymis

EMAP:31196	developing vasculature of cauda epididymis
EMAP:30980 G	L male external genitalia
EMAP:10941	penis (syn: genital tubercle of male)
EMAP:10942	glans penis
EMAP:30647	
EMAP:30643	L mesenchyme of glans penis
EMAP:30663	- crus penis
EMAP:30669	surface epithelium of crus penis
EMAP:30665	mesenchyme of crus penis
EMAP:10943	prepuce of male
EMAP:30656	prepuce surface epithelium of male
EMAP:30660	- preputial gland of male
EMAP:30651	prepuce mesenchyme of male
EMAP:29317	scrotal fold
EMAP:30626	scrotal fold mesenchyme of male
EMAP:30629	scrotal fold surface epithelium of male
EMAP:10917	- female reproductive system
EMAP:10923	- ovary
EMAP:31060 G	L ovigerous cord
EMAP:31031	meiotic oocytes
EMAP:31037	pre-granulosa cell
EMAP:10936	vagina
EMAP:30993 G	
EMAP:29059	epithelial layer of lower part of vagina
EMAP:29053	L epithelial layer of upper part of vagina
EMAP:30999 G	muscular layer of vagina
EMAP:29063	- muscular layer of lower part of vagina
EMAP:29056	L muscular layer of upper part of vagina
EMAP:31231 G	developing vasculature of vagina
EMAP:31226	developing vasculature of lower part of vagina
EMAP:31221	developing vasculature of upper part of vagina
EMAP:30987 G	female external genitalia
EMAP:10919	- genital tubercle of female
EMAP:12986	Eglans clitoris
EMAP:30721	surface epithelium of glans clitoris
EMAP:30716	mesenchyme of glans clitoris
EMAP:12984	crus of clitoris
EMAP:30731	surface epithelium of crus of clitoris
EMAP:30726	mesenchyme of crus of clitoris
EMAP:30700	prepuce of female
EMAP:30708	- prepuce surface epithelium of female
EMAP:30712	- preputial gland of female
EMAP:30704	prepuce mesenchyme of female
EMAP:10921	labial swelling (syn: labia)
EMAP:30440	- surface epithelium of labial swelling
EMAP:30435	mesenchymal layer of labial swelling
EMAP:31782 G	developing vasculature of reproductive system GROUP
EMAP:28894	- developing vasculature of ovary
EMAP:29120	developing vasculature of the testis
EMAP:29128	- coelomic vessel
EMAP:29136	interstitial vessel
EMAP:31465 G	Large blood vessels
EMAP:28216	- arcuate artery
EMAP:28222	- arcuate vein
EMAP:28213	- interlobular artery
EMAP:28219	- interlobular vein
EMAP:10108	- renal artery
EMAP:13092	renal vein renal vein