TS26 urinary and reproductive systems (18dpc)

MARP 111	EMAP:25791	mouse
## SMAP: 122-64	EMAP:11160	- organ system
PMR-12255	EMAP:11161	visceral organ
Passe Pass	EMAP:12246	- urinary system
MMP-12255		
metanephros (sym: kidney) metanephros (sym: kidney) metanephros (sym: kidney) metanephros (sym: metanephros (sym: peripheral blastema) metanephros (sym: condensed mesanethyme) metanephros (sym: symilla (sym: distal limb of comma-shaped body (sym: symilla (sym: distal limb of comma-shaped body (sym: symilla (symilla (sym: symilla (symilla (symilla (symilla (symilla (sy		
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EMB-127734		· ! ! ! ! · · ·
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BMAP: 27785		
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EMAP: 12266 EMAP: 27834 EMAP: 31698 EMAP: 31729 EMAP: 31725 EMAP: 27846 EMAP: 27846 EMAP: 27856 EMAP: 27856 EMAP: 27870 I renal connecting segment of renal vesicle Frowinal limb of comma-shaped body (syn: proximal limb of comma-shaped body) I upper limb of comma-shaped body (syn: proximal limb of comma-shaped body) EMAP: 27870 I renal connecting subment of comma-shaped body EMAP: 27882 I renal connecting subment of s-shaped body EMAP: 27882 EMAP: 27888 EMAP: 27888 EMAP: 27888 EMAP: 27888 EMAP: 27990 EMAP: 27990 EMAP: 27990 EMAP: 27991 EMAP: 27991 EMAP: 27991 EMAP: 27991 EMAP: 27992 EMAP: 27992 EMAP: 27992 EMAP: 27994 I parietal epithelium of s-shaped body I parietal epithelium of renal corpuscle EMAP: 27994 I parietal epithelium of renal corpuscle EMAP: 27995 EMAP: 27996 EMAP: 27998 I parietal epithelium of capillary loop renal corpuscle (syn: podocyte layer) EMAP: 27996 EMAP: 27999 EMAP: 28241 EMAP: 28244 EMAP: 28244 EMAP: 28245 EMAP: 28247 EMAP: 28248 EMAP: 28248 EMAP: 28249 EMAP: 28249 EMAP: 28249 EMAP: 28249 EMAP: 28247 EMAP: 28248 EMAP: 2824	EMAP:27755	- ureteric tip (syn: ureteric ampulla)
EMAP: 27814 EMAP: 31729 EMAP: 31728 EMAP: 31728 EMAP: 31728 EMAP: 27840 EMAP: 27840 EMAP: 27840 EMAP: 27840 EMAP: 27840 EMAP: 27852 EMAP: 31715 EMAP: 27858 EMAP: 31715 EMAP: 27858 EMAP: 27858 EMAP: 27876 EMAP: 27878 EMAP: 27876 EMAP: 27876 EMAP: 27876 EMAP: 27876 EMAP: 27876 EMAP: 27878 EMAP: 27876 EMAP: 27876 EMAP: 27888 EMAP: 27888 EMAP: 27890 EMAP: 27898 EMAP: 27990 EMAP: 27990 EMAP: 27991 EMAP: 27991 EMAP: 27991 EMAP: 27991 EMAP: 27992 EMAP: 27994 EMAP: 27994 EMAP: 27996 EMAP: 27996 EMAP: 27998 EMAP:	EMAP:31051	L ureteric tree terminal branch excluding tip itself
EMAR-131698		
EMAP: 31729		
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EMAP: 23785		
EMAP: 27870		
EMAP: 27886	EMAP:27858	- s-shaped body (syn: stage II nephron)
EMAP: 27882	EMAP:27870	
EMAP: 27888		
EMAP: 27900		
EMAP: 279106		
EMAP: 27912 EMAP: 27930 EMAP: 27930 EMAP: 27930 EMAP: 27930 EMAP: 27930 EMAP: 27930 EMAP: 27936 EMAP: 27936 EMAP: 27936 EMAP: 27936 EMAP: 27938 EMAP: 27948 EMAP: 27948 EMAP: 27948 EMAP: 27948 EMAP: 27960 EMAP: 27960 EMAP: 27960 EMAP: 279796 EMAP: 279797 EMAP: 279797 EMAP: 279797 EMAP: 279798 EMAP: 27990 EMAP: 28232 EMAP: 28232 EMAP: 28233 EMAP: 28235 EMAP: 28235 EMAP: 28235 EMAP: 28250 EMAP: 28260 E		
EMAP:27930		
EMAP: 27924		
EMAP: 27942		
EMAP: 27918		
EMAP: 27948	EMAP:27936	
EMAP: 27954	EMAP:27918	visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP: 27960	EMAP:27948	
EMAP: 27966 EMAP: 27972 EMAP: 30970 EMAP: 30970 EMAP: 27978 EMAP: 27984 EMAP: 27984 EMAP: 27984 EMAP: 27984 EMAP: 27984 EMAP: 27984 EMAP: 27986 EMAP: 28232 EMAP: 28232 EMAP: 28232 EMAP: 28235 EMAP: 28247 EMAP: 28256 EMAP: 28258 EMAP: 28258 EMAP: 28258 EMAP: 28259 EMAP: 28258 EMAP: 28258 EMAP: 28258 EMAP: 28259 EMAP: 28259 EMAP: 28259 EMAP: 28258 EMAP: 28259 EMAP: 28259 EMAP: 28259 EMAP: 28259 EMAP: 28268 EMAP: 28271 EMAP: 28277 EMAP: 28277 EMAP: 28288		
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EMAP:28235	EMAP:27996	i i i i i jennegrama antanara
EMAP:28238		
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EMAP: 28253		
EMAP: 28256		
EMAP: 28259		
EMAP: 28262	EMAP:28259	
EMAP: 28268	EMAP:28262	
EMAP: 28271		
EMAP: 28274 rest of afferent arteriole EMAP: 28277 - efferent arteriole EMAP: 28280 - extraglomerular mesangium EMAP: 12276 - cortical renal tubule EMAP: 28283 - renal proximal tubule EMAP: 28286 - early proximal tubule		
EMAP: 28277		
EMAP: 28280 extraglomerular mesangium EMAP: 12276 - cortical renal tubule EMAP: 28283 - renal proximal tubule EMAP: 28286 - early proximal tubule		
EMAP: 12276 cortical renal tubule EMAP: 28283 renal proximal tubule EMAP: 28286 early proximal tubule		
EMAP: 28283 renal proximal tubule EMAP: 28286 early proximal tubule		
EMAP: 28286 early proximal tubule		
	EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)

EMAP:31614	L early proximal tubule of maturing nephron
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31286	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP: 28389	renal distal tubule
EMAP:28392 EMAP:31641	
EMAP:31620	Learly distal tubule of maturing nephron
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	L distal straight tubule (syn: thick ascending limb)
EMAP:31381	- premacula segment of distal straight tubule
EMAP:28401	macula densa
EMAP:28404	postmacula segment of distal straight tubule
EMAP:28016	renal connecting tubule
EMAP:31626	renal connecting tubule of capillary loop nephron
EMAP:31632	renal connecting tubule of maturing nephron
EMAP:31635	renal connecting tubule of mature nephron
EMAP:28135	- cortical collecting duct
EMAP:28141	renal cortical interstitium (syn: cortical stroma)
EMAP: 31293	renal cortical fibroblasts
EMAP:31301	
EMAP:31309 EMAP:28146	- rest of renal contical interstitutiff
EMAP:28151	renal contical vasculature
EMAP:28214	interlobular artery
EMAP:28217	arcuate artery
EMAP:28156	- renal cortical venous system
EMAP:28220	interlobular vein
EMAP:28223	Larcuate vein
EMAP:30041	L renal cortical capillary
EMAP:31316	renal cortical lymphatics
EMAP:31323	L renal cortical nerves
EMAP:13155	renal medulla
EMAP:28312	outer medulla
EMAP: 28324	
EMAP:28327 EMAP:28330	thin descending limb
EMAP:28864	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:28333	
EMAP:28339	- outer medullary interstitium
EMAP:31386	- outer medullary fibroblast
EMAP:31391	resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31396	rest of outer medullary interstitium
EMAP:28348	L outer medullary collecting duct
EMAP:28351	inner medulla (syn: papilla)
EMAP:28354	loop of Henle, inner medullary portion
EMAP:28357	thin descending limb
EMAP: 28360	bend (syn: U-turn)
EMAP:28363 EMAP:28366	
EMAP:31401	inner medullary fibroblast
EMAP:31406	- resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:31411	L rest of inner medullary interstitium
EMAP:28372	inner medullary collecting duct (syn: papillary collecting duct)
EMAP:28161	- renal medullary vasculature
EMAP:28166	renal medullary arterial system
EMAP:28171	renal medullary venous system
EMAP:30047	renal medullary capillary (syn: vasa recta)
EMAP:31351	- renal medullary lymphatics
EMAP: 31358	L L renal medullary nerves
EMAP:12259 EMAP:12260	
EMAP:12261	L minor
EMAP:12262	L pelvis
EMAP:28082	pelvic urothelial lining (syn: pelvic urothelium)
EMAP:28124	pelvic smooth muscle
EMAP:28088	perihilar interstitium
EMAP:31364	perihilar fibroblast
EMAP:31370	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
interstitium)	I I and a company to the company
EMAP: 31376	L rest of perihilar interstitium
EMAP: 28375	- renal artery
EMAP:29980 EMAP:30001	
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EMAP:30009	L smooth muscle layer of renal artery
EMAP:28378	renal vein
EMAP:29968	- endothelial layer of renal vein
EMAP:30017	endothelium of renal vein
EMAP:30025	L smooth muscle layer of renal vein
EMAP:12264	- ureter
EMAP:28094	- urothelium of ureter (syn: transitional epithelium)
EMAP:28594	superficial cell layer of ureter (syn: umbrella cell)
EMAP:28805	intermediate cell layer of ureter
EMAP:28810	L basal cell layer of ureter
EMAP:28843	- lamina propria
EMAP:28846	ureteral smooth muscle layer
EMAP:28849	smooth muscle component
EMAP:28852	Linterstitium (syn: Cajal cell)
EMAP:28119	adventitia of ureter
EMAP:30857	L ureteral vasculature
EMAP:12248	bladder
EMAP:28606	urothelium of bladder (syn: epithelium of bladder)
EMAP:32379	
EMAP:32386	basal cell layer of bladder
EMAP:28612	urothelium of trigone
EMAP:28018	L urothelium of neck
EMAP:30093	- lamina propria of bladder
EMAP:30107	lamina propria of fundus
EMAP:30114	lamina propria of fundus
EMAP:30121	L lamina propria of neck
EMAP:28624	muscularis mucosa of bladder
EMAP:28630	muscularis mucosa of fundus
EMAP:28636	- muscularis mucosa of trigone
EMAP:30142	L muscularis mucosa of neck
EMAP:32393	- submucosa of bladder
EMAP:32407	- submucosa of fundus
EMAP:32506	submucosa of trigone
EMAP:32400	submucosa of neck
EMAP:28642	detrusor muscle of bladder
EMAP:28648	- detrusor muscle of fundus
EMAP:28654	detrusor muscle of trigone
EMAP:30128	detrusor muscle of neck
EMAP:28666	serosa of bladder
EMAP:28672	serosa of fundus
EMAP:28678	serosa of trigone
EMAP:30135	L serosa of neck
EMAP:28830	adventitia of bladder
EMAP:28835	adventitia of fundus
EMAP:28840	adventitia of trigone
EMAP:30148	Ladventitia of neck
EMAP:28684	- vasculature of bladder (syn: blood vessel of bladder)
EMAP: 31658	Lucabus
EMAP:12251	- urachus - urethra of female
EMAP:28752	- pelvic urethra of female
! ! !	urothelium of pelvic urethra of female
EMAP:28764	urothelium of dorsal pelvic urethra of female
EMAP:32356	
EMAP:32518	intermediate cell layer of dorsal pelvic urethra of female
EMAP: 32362	L basal cell layer of dorsal pelvic urethra of female
EMAP:32423	urothelium of ventral pelvic urethra of female
EMAP:32459	superficial cell layer of ventral pelvic urethra of female
EMAP:32512	- intermediate cell layer of ventral pelvic urethra of female
EMAP:32465	L basal cell layer of ventral pelvic urethra of female
EMAP:28770	- mesenchymal layer of pelvic urethra of female
EMAP:32579	- mesenchymal layer of dorsal pelvic urethra of female
EMAP:32481	- lamina propria of dorsal pelvic urethra of female (syn: peri-epithelial mesenchymal layer of
dorsal pelvic urethra of fer	male; sub-epithelial mesenchymal layer of dorsal pelvic urethra of female)
EMAP:32477	- muscularis mucosa of dorsal pelvic urethra of female
EMAP:32548	submucosa of dorsal pelvic urethra of female
EMAP:32576	
EMAP:32536	
	emale; sub-epithelial mesenchymal layer of ventral pelvic urethra of female)
EMAP:32532	- muscularis mucosa of ventral pelvic urethra of female
EMAP: 32528	L submucosa of ventral pelvic urethra of female
EMAP:32441	

EMAP:28776	
EMAP:32427	- vasculature of pelvic urethra of female
EMAP:31798	nerve of pelvic urethra of female
EMAP:32444	neural crest derivative of pelvic urethra of female
EMAP:30921	phallic urethra of female (syn: external urethra of female)
EMAP:30932	urothelium of phallic urethra of female
EMAP:30936	- mesenchymal layer of phallic urethra of female
EMAP:30940	- muscle layer of phallic urethra of female
EMAP:31739	nerve of phallic urethra of female
EMAP:12309	- urethra of male
EMAP:12310	Pelvic urethra of male
EMAP:28702	urothelium of pelvic urethra of male
EMAP:32496	urothelium of dorsal pelvic urethra of male
EMAP:32343	superficial cell layer of dorsal pelvic urethra of male
EMAP:32524	intermediate cell layer of dorsal pelvic urethra of male
EMAP:32327	basal cell layer of dorsal pelvic urethra of male
EMAP:32318	urothelium of ventral pelvic urethra of male
EMAP:32433	superficial cell layer of ventral pelvic urethra of male
EMAP:32554	intermediate cell layer of ventral pelvic urethra of male
EMAP:32333	basal cell layer of ventral pelvic urethra of male
EMAP:28708	- mesenchymal layer of pelvic urethra of male
EMAP:32573	mesenchymal layer of dorsal pelvic urethra of male
EMAP:32540	
	b-epithelial mesenchymal layer of dorsal pelvic urethra of male)
EMAP: 32544	muscularis mucosa of dorsal pelvic urethra of male
EMAP:32469	L submucosa of dorsal pelvic urethra of male
EMAP:32582	mesenchymal layer of ventral pelvic urethra of male
EMAP:32473	lamina propria of ventral pelvic urethra of male (syn: peri-epithelial mesenchymal layer of
	nale; sub-epithelial mesenchymal layer of ventral pelvic urethra of male)
EMAP:32485	muscularis mucosa of ventral pelvic urethra of male
EMAP:32489	submucosa of ventral pelvic urethra of male
EMAP:32413	mesenchymal pad of pelvic urethra of male
EMAP:28714	muscle layer of pelvic urethra of male
EMAP:32337	vasculature of pelvic urethra of male
EMAP:31788	nerve of pelvic urethra of male
EMAP:32438	neural crest derivative of pelvic urethra of male
EMAP:28720	phallic urethra of male (syn: external urethra of male)
EMAP:28855	urothelium of phallic urethra of male
EMAP:28858	mesenchymal layer of phallic urethra of male
EMAP:28861	muscle layer of phallic urethra of male
EMAP:31804	nerve of phallic urethra of male
EMAP:12273	urorectal septum
EMAP:31647	L pelvic ganglion
EMAP:11162	reproductive system
EMAP:11163	male reproductive system
EMAP:11164	- testis
EMAP:29195	- rete testis
EMAP:11169	interstitium of the testis (syn: interstitial tissue)
EMAP:12997	fetal Leydig cell
EMAP:12999	rest of interstitium of the testis (syn: non-specific mesenchyme)
EMAP:13005	tunica vaginalis testis
EMAP:11167	seminiferous cord (syn: seminiferous tubule)
EMAP:29243	Sertoli cell
EMAP:11168	- germ cell of testis
EMAP:29248	L peritubular myoid cell
EMAP:11173	mediastinum testis
EMAP:29121	- developing vasculature of the testis
EMAP:29129	- coelomic vessel
EMAP:29137	L interstitial vessel
EMAP:13165	tunica albuginea of testis
EMAP:31242	L surface epithelium of testis
EMAP:29306	- cystic vesicular appendage
EMAP:26917	- inguinal canal
EMAP:29309	- inguinal ring
EMAP:29312	- external inguinal ring
EMAP:29315	Linternal inguinal ring
EMAP:13007	- seminal vesicle (syn: vesicular seminalis)
EMAP: 32595	- epithelial layer of seminal vesicle
EMAP: 32603	- muscle layer of seminal vesicle
EMAP: 32599	- adventitia of seminal vesicle
EMAP: 32563	L vasculature of seminal vesicle
EMAP:12307	- efferent duct of seminal vesicle (syn: vasa efferentia)
EMAP:13166	- epididymis
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EMAP:13167	caput epididymis
EMAP:30614	epithelium of caput of epididymis
EMAP:30618	- muscle layer of caput of epididymis
EMAP:30622	adventitia of caput of epididymis
EMAP:31207	developing vasculature of caput epididymis
EMAP:13168	cauda epididymis
EMAP:30590	epithelium of cauda of epididymis
EMAP:30594	- muscle layer of cauda of epididymis
EMAP:30598	- adventitia of cauda of epididymis
EMAP:31197	developing vasculature of cauda epididymis
EMAP:13169	- corpus epididymis
EMAP:30602	epithelium of corpus epididymis
EMAP:30606	- muscle layer of corpus of epididymis
EMAP:30610	adventitia of corpus of epididymis
EMAP:31202	L developing vasculature of corpus epididymis
EMAP:31186	L developing vasculature of epididymis
EMAP:12298	- ductus deferens (syn: vas deferens)
:	epithelium of ductus deferens
EMAP: 29277	· ! ! ! · ·
EMAP: 29273	- muscle layer of ductus deferens
EMAP:30752	- outer layer of ductus deferens
EMAP:31192	L developing vasculature of ductus deferens
EMAP:12724	
EMAP:12727	- appendix testis
EMAP:12730	
EMAP:32591	epithelial layer of ejaculatory duct
EMAP:32369	mesenchymal layer of ejaculatory duct
EMAP:32448	muscle layer of ejaculatory duct
EMAP:32567	L vasculature of ejaculatory duct
EMAP:13161	male accessory gland
EMAP:13162	bulbourethral gland (syn: Cowper's gland)
EMAP:13163	prostate gland
EMAP:32453	epithelial layer of prostate gland
EMAP:32417	peri-prostatic mesenchyme of prostate gland
EMAP:12734	gubernaculum (syn: caudal suspensory ligament)
EMAP:12300	mesorchium
EMAP:12301	- penis (syn: genital tubercle of male)
EMAP:12302	- glans penis
EMAP:30648	surface epithelium of glans penis
EMAP:30644	L mesenchyme of glans penis
EMAP:13170	crus penis
EMAP:30670	surface epithelium of crus penis
EMAP:30666	mesenchyme of crus penis
EMAP:12303	L prepuce of male
EMAP:30657	prepuce surface epithelium of male
EMAP:30661	preputial gland of male
EMAP:30652	prepuce mesenchyme of male
EMAP:30735	L scrotal fold
EMAP:30741	scrotal fold mesenchyme of male
EMAP:30738	L scrotal fold surface epithelium of male
EMAP:12277	L female reproductive system
EMAP:12283	- ovary
EMAP:12284	surface epithelium of ovary (syn: coelomic epithelium)
EMAP:30524	tunica albuginea of ovary (syn: ovarian capsule)
EMAP:28887	mesenchymal stroma of ovary
EMAP:29013	cortical component of mesenchymal stroma
EMAP:31043	rest of cortical component of mesenchymal stroma of ovary
EMAP:31038	L pre-granulosa cell
EMAP:29018	L medullary component of mesenchymal stroma
EMAP:31032	meiotic oocytes
EMAP:28895	developing vasculature of ovary
EMAP:12288	l L rete ovarii of ovary
EMAP:12282	mesovarium
EMAP:12285	cystic vesicular appendage
EMAP:12721	suspensory ligament of ovary
EMAP:12278	Mullerian tubercle
EMAP:12294	oviduct
EMAP:29045	epithelial layer of oviduct
EMAP:29048	muscle layer of oviduct
EMAP:29051	outer layer of oviduct
EMAP:31217	developing vasculature of oviduct
EMAP:12295	uterine horn (syn: uterus)
EMAP:29033	epithelium (syn: endometrium)

EMAD-20027 II	muccular layor (over myomotrium)
EMAP:29037	muscular layer (syn: myometrium)
EMAP:31212	developing vasculature of uterine horn
EMAP:30678	L outer layer of uterine horn
EMAP:12296	- vagina
EMAP:12314	l lower part of vagina (syn: sinus vagina)
EMAP:29060	epithelial layer of lower part of vagina
EMAP:32322	mesenchymal layer of lower part of vagina
EMAP:29064	muscular layer of lower part of vagina
EMAP:31227	L developing vasculature of lower part of vagina
EMAP:12297	upper part of vagina
EMAP:29054	epithelial layer of upper part of vagina
EMAP:32373	mesenchymal layer of upper part of vagina
EMAP:29057	muscular layer of upper part of vagina
EMAP:31222	developing vasculature of upper part of vagina
EMAP:12279	- genital tubercle of female
EMAP:12987	glans clitoris
EMAP:30722	surface epithelium of glans clitoris
EMAP:30717	L mesenchyme of glans clitoris
EMAP:12985	- crus of clitoris
EMAP:30732	- surface epithelium of crus of clitoris
EMAP:30727	mesenchyme of crus of clitoris
EMAP:30701	prepuce of female
EMAP:30709	- prepuce surface epithelium of female
EMAP:30713	- preputial gland of female
EMAP:30705	prepuce mesenchyme of female
EMAP:12281	labial swelling (syn: labia)
EMAP:30441	- surface epithelium of labial swelling
EMAP:30436	mesenchymal layer of labial swelling
EMAP:12989	- inguinal canal
EMAP:12991	inguinal ring
EMAP:12993	internal (syn: deep)
EMAP:12995	external (syn: superficial)

TS26 Groups

'G': Term is a group.

EMAP:25791	mouse
EMAP:11160	- organ system
EMAP:11161	Fivisceral organ
EMAP:12246	urinary system
EMAP:12256	- metanephros (syn: kidney)
EMAP:12266	renal cortex
EMAP:12276	cortical renal tubule
EMAP:31823 G	cortical renal tubule of capillary loop nephron GROUP
EMAP:31286	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31626	L renal connecting tubule of capillary loop nephron
EMAP:31817 G	cortical renal tubule of maturing nephron GROUP
EMAP:31620	- early distal tubule of maturing nephron
EMAP:31614	early proximal tubule of maturing nephron
EMAP:31632	L renal connecting tubule of maturing nephron
EMAP:31792 G	L cortical renal tubule of mature nephron GROUP
EMAP: 28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP: 28398	distal straight tubule (syn: thick ascending limb)
EMAP: 31381	premacula segment of distal straight tubule
EMAP:28401 EMAP:28404	
EMAP:31635	- positivacula segment of distal straight tubule
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28505 G	- early tubule
EMAP:27834	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31698	
EMAP:31729	distal renal vesicle
EMAP:31723	L proximal renal vesicle
EMAP:27840	comma-shaped body
EMAP:27846	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27852	
EMAP:31715	L renal connecting segment of comma-shaped body
EMAP:27858	L s-shaped body (syn: stage II nephron)
EMAP:27870	- renal connecting tubule of s-shaped body
EMAP:27876	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27882	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP: 27888	L proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP: 27900	visceral epithelium of s-shaped body
EMAP: 27906	
EMAP:28511 G EMAP:27912	capillary loop stage replicor GROOP (synt. stage in replicor)
EMAP:27930	
EMAP:27924	parietal epithelium
EMAP:27942	presumptive endothelium of renal corpuscle
EMAP:27936	presumptive mesangium
EMAP:27918	L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:12276	L cortical renal tubule
EMAP:28283	Frenal proximal tubule
EMAP:28286	early proximal tubule
EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31614	L early proximal tubule of maturing nephron
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31286	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28389	renal distal tubule
EMAP: 28392	early distal tubule
EMAP: 31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP: 31620	Learly distal tubule of maturing nephron
EMAP: 28395	distal convoluted tubule (syn: second convoluted tubule) distal straight tubule (syn: thick ascending limb)
EMAP:28398 EMAP:31381	
EMAP:31381 EMAP:28401	
EMAP:28404	
	1

EMAP:28016	- renal connecting tubule
EMAP:31626	
EMAP:31632	
EMAP:31635	
EMAP:31823	cortical renal tubule of capillary loop nephron GROUP
EMAP:31286	
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31626	L renal connecting tubule of capillary loop nephron
EMAP:31817	cortical renal tubule of maturing nephron GROUP
EMAP:31620	
EMAP:31614	
EMAP:31632	
EMAP:31792	
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	distal straight tubule (syn: thick ascending limb)
EMAP:31381	premacula segment of distal straight tubule
EMAP:28401	
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:31635	renal connecting tubule of mature nephron
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28490 G	
EMAP:27948	maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27954	
EMAP:27960	
EMAP:27966	
EMAP:27972	visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30970	L glomerular basement membrane
EMAP:27978	Bowman's capsule (syn: glomerular capsule)
EMAP:27984	parietal epithelium
EMAP:27990	urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30036	L glomerular mesangium of Bowman's capsule
EMAP:27996	L juxtaglomerular arteriole
EMAP:28232	- afferent arteriole
EMAP:28235	L efferent arteriole
EMAP:12276	L cortical renal tubule
EMAP: 28283	- renal proximal tubule
EMAP: 28286	- early proximal tubule - early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31706 EMAP:31614	Learly proximal tubule of capillary loop frephron
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31286	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28389	
EMAP:28392	- early distal tubule
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31620	early distal tubule of maturing nephron
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	distal straight tubule (syn: thick ascending limb)
EMAP:31381	
EMAP:28401	macula densa
EMAP:28404	postmacula segment of distal straight tubule
EMAP:28016	renal connecting tubule
EMAP:31626	
EMAP:31632	renal connecting tubule of maturing nephron
EMAP:31635	renal connecting tubule of mature nephron
EMAP:31823	cortical renal tubule of capillary loop nephron GROUP
	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31286	
EMAP:31286 EMAP:31641	- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
:	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31641	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) renal connecting tubule of capillary loop nephron
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817	- early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) renal connecting tubule of capillary loop nephron cortical renal tubule of maturing nephron GROUP
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395 EMAP:28398	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395 EMAP:28398 EMAP:31381	
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395 EMAP:28398 EMAP:31381 EMAP:28401	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) renal connecting tubule of capillary loop nephron cortical renal tubule of maturing nephron GROUP early distal tubule of maturing nephron early proximal tubule of maturing nephron renal connecting tubule of maturing nephron cortical renal tubule of mature nephron GROUP distal convoluted tubule (syn: second convoluted tubule) distal straight tubule (syn: thick ascending limb) premacula segment of distal straight tubule macula densa
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395 EMAP:28398 EMAP:28398 EMAP:28401 EMAP:28401 EMAP:28404	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) renal connecting tubule of capillary loop nephron cortical renal tubule of maturing nephron GROUP early distal tubule of maturing nephron early proximal tubule of maturing nephron renal connecting tubule of maturing nephron cortical renal tubule of mature nephron GROUP distal convoluted tubule (syn: second convoluted tubule) distal straight tubule (syn: thick ascending limb) premacula segment of distal straight tubule nacula densa postmacula segment of distal straight tubule
EMAP:31641 EMAP:31706 EMAP:31626 EMAP:31817 EMAP:31620 EMAP:31614 EMAP:31632 EMAP:31792 EMAP:28395 EMAP:28398 EMAP:31381 EMAP:28401	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule) renal connecting tubule of capillary loop nephron cortical renal tubule of maturing nephron GROUP early distal tubule of maturing nephron early proximal tubule of maturing nephron renal connecting tubule of maturing nephron cortical renal tubule of mature nephron GROUP distal convoluted tubule (syn: second convoluted tubule) distal straight tubule (syn: thick ascending limb) premacula segment of distal straight tubule macula densa

EMAP:28532 G	
EMAP:27912	
EMAP:27930	
EMAP:27924	
EMAP:27942	
EMAP:27936	presumptive mesangium
EMAP:27918	i i i i L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27948	maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27954	
EMAP:27960	- glomerular capillary system of maturing glomerular tuft
EMAP:27966	
EMAP:27972	- visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30970	glomerular basement membrane
EMAP:27978	Bowman's capsule (syn: glomerular capsule)
EMAP:27984	
EMAP:27990	- urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30036	Glomerular mesangium of Bowman's capsule
EMAP:27996	juxtaglomerular arteriole
EMAP:28232	- juxtagiomerdial arteriole
EMAP:28235	
EMAP:12276	L cortical renal tubule
EMAP: 28283	- renal proximal tubule
EMAP: 28286	- early proximal tubule
EMAP: 31706	- early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31614	
EMAP: 28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31286	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28389	- renal distal tubule
EMAP:28392	
EMAP:31641	- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31620	Learly distal tubule of maturing nephron
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	L distal straight tubule (syn: thick ascending limb)
EMAP:31381	- premacula segment of distal straight tubule
EMAP:28401	- macula densa
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:28016	
EMAP:31626	- renal connecting tubule of capillary loop nephron
EMAP:31632	- renal connecting tubule of maturing nephron
EMAP:31635	L renal connecting tubule of mature nephron
EMAP:31823	cortical renal tubule of capillary loop nephron GROUP
EMAP:31286	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31626	L renal connecting tubule of capillary loop nephron
EMAP:31817	
EMAP:31620	- early distal tubule of maturing nephron
EMAP:31614	
EMAP:31632	
EMAP:31792	L cortical renal tubule of mature nephron GROUP
EMAP:28395	
EMAP:28398	distal straight tubule (syn: thick ascending limb)
EMAP:31381	premacula segment of distal straight tubule
EMAP:28401	macula densa
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:31635	renal connecting tubule of mature nephron
EMAP:28289	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30451 G	L juxtaglomerular complex
EMAP:28280	
EMAP:28401	macula densa
EMAP:28271	L part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:13155	renal medulla
EMAP:13156 G	Loop of Henle group
EMAP:28324	loop of Henle, outer medullary portion
EMAP:28327	thin descending limb
EMAP:28330	thin ascending limb (syn: ascending thin limb)
EMAP:28864	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:28333	premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:28354	l loop of Henle, inner medullary portion
EMAP:28357	thin descending limb
EMAP:28360	bend (syn: U-turn)
EMAP:28363	thin ascending limb (syn: ascending thin limb)

EMAP:12269 G	early nephron GROUP
EMAP:12276	
EMAP:28283	renal proximal tubule
EMAP: 28286	
EMAP:31706 EMAP:31614	early proximal tubule of capillary loop flepfilloff (syn. afflage of proximal tubule)
EMAP:28289	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31286	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28389	renal distal tubule
EMAP:28392	early distal tubule
EMAP:31641	- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31620	L early distal tubule of maturing nephron
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	L distal straight tubule (syn: thick ascending limb)
EMAP:31381	premacula segment of distal straight tubule
EMAP:28401	macula densa
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:28016	renal connecting tubule
EMAP: 31626	
EMAP:31632 EMAP:31635	renal connecting tubule of maturing hephron
EMAP:31823	cortical renal tubule of capillary loop nephron GROUP
EMAP:31286	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31706	- early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31626	L renal connecting tubule of capillary loop nephron
EMAP:31817	cortical renal tubule of maturing nephron GROUP
EMAP:31620	
EMAP:31614	- early proximal tubule of maturing nephron
EMAP:31632	renal connecting tubule of maturing nephron
EMAP:31792	L cortical renal tubule of mature nephron GROUP
EMAP:28395 EMAP:28398	
EMAP:31381	
EMAP:28401	macula densa
EMAP:28404	postmacula segment of distal straight tubule
EMAP:31635	renal connecting tubule of mature nephron
EMAP:28289	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP: 27834	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31698 EMAP:31729	
EMAP:31723	L proximal renal vesicle
EMAP:27840	- comma-shaped body
EMAP:27846	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27852	lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31715	renal connecting segment of comma-shaped body
EMAP:27858	s-shaped body (syn: stage II nephron)
EMAP: 27870	
EMAP:27876 EMAP:27882	
EMAP:27888	
EMAP:27900	
EMAP:27906	parietal epithelium of s-shaped body
EMAP:27912	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27930	
EMAP:27924	
EMAP:27942	presumptive endothelium of renal corpuscle
EMAP:27936	
EMAP: 27918	
EMAP:27948 EMAP:27954	maturing renal corpuscie (syn: renal corpuscie of Stage IV nephron)
EMAP:27960	- glomerular capillary system of maturing glomerular tuft
EMAP:27966	- glomerular mesangium
EMAP:27972	visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30970	glomerular basement membrane
EMAP:27978	Bowman's capsule (syn: glomerular capsule)
EMAP: 27984	
EMAP: 27990	urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30036 EMAP:27996	│
EMAP:28232	- juxtagromerular arteriole
EMAP:28235	L efferent arteriole
•	

EMAP:28238	L mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28241	
EMAP:28247	
EMAP:28250	- glomerular mesangium
EMAP:28253	glomerular basement membrane
EMAP:28256	i i visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28259	Bowman's capsule (syn: glomerular capsule)
EMAP:28262	
EMAP:28265	urinary space of renal corpuscle (syn: Bowman's space)
EMAP:28268	- afferent arteriole
EMAP:28271	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28274	rest of afferent arteriole
EMAP:28277	- efferent arteriole
EMAP:28280	L extraglomerular mesangium
EMAP:28493 G	mature nephron
EMAP:12276	cortical renal tubule
EMAP:28283	renal proximal tubule
EMAP:28286	early proximal tubule
:	early proximal tubule
EMAP:31706	Learly proximal tubule of capillary loop hephron
EMAP:31614	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP: 28289	
EMAP:31286	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:28389	renal distal tubule
EMAP:28392	- early distal tubule
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31620	Learly distal tubule of maturing nephron
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	L distal straight tubule (syn: thick ascending limb)
EMAP:31381	- premacula segment of distal straight tubule
EMAP:28401	macula densa
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:28016	F renal connecting tubule
EMAP:31626	F renal connecting tubule of capillary loop nephron
EMAP:31632	Frenal connecting tubule of maturing nephron
EMAP:31635	L renal connecting tubule of mature nephron
EMAP:31823	
EMAP:31286	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31641	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31706	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31626	L renal connecting tubule of capillary loop nephron
EMAP:31817	cortical renal tubule of maturing nephron GROUP
EMAP:31620	
EMAP:31614	early proximal tubule of maturing nephron
EMAP:31632	Erenal connecting tubule of maturing nephron
EMAP:31792	cortical renal tubule of mature nephron GROUP
EMAP:28395	distal convoluted tubule (syn: second convoluted tubule)
EMAP:28398	distal straight tubule (syn: thick ascending limb)
EMAP:31381	
EMAP:28401	macula densa
EMAP:28404	L postmacula segment of distal straight tubule
EMAP:31635	renal connecting tubule of mature nephron
EMAP:28289	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:13156	Loop of Henle group
EMAP:28324	loop of Henle, outer medullary portion
EMAP:28327	thin descending limb
EMAP:28330	thin ascending limb (syn: ascending thin limb)
EMAP:28864	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:28333	
EMAP:28354	Loop of Henle, inner medullary portion
EMAP:28357	thin descending limb
EMAP:28360	bend (syn: U-turn)
EMAP:28363	L thin ascending limb (syn: ascending thin limb)
EMAP:28238	L mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28241	
EMAP:28247	
EMAP:28250	
EMAP:28253	
:	L visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP: 28256	Bowman's capsule (syn: glomerular capsule)
EMAP: 28259	
EMAP: 28262	
EMAP: 28265	i i i i i i i i i i i i i i i i i i i
EMAP:28268	afferent arteriole

EMAP:28271	
EMAP:28274	
EMAP:28277	
EMAP:28280	L extraglomerular mesangium
EMAP:28412 G	collecting duct (syn: ureteric tree)
EMAP:27755	ureteric tip (syn: ureteric ampulla)
EMAP:31051	
EMAP:28526	i i Lureteric trunk
EMAP:28135	- cortical collecting duct
EMAP:28348	outer medullary collecting duct
EMAP:28372	inner medullary collecting duct (syn: papillary collecting duct)
EMAP:28526 G	l - ureteric trunk
EMAP:28135	- cortical collecting duct
EMAP:28348	- outer medullary collecting duct
EMAP:28372	L inner medullary collecting duct (syn: papillary collecting duct)
EMAP:28523 G	- renal interstitium group
EMAP:27734	- nephrogenic interstitium (syn: peripheral blastema)
EMAP:27930	- associated interstitium of renal corpuscle
EMAP:27936	- presumptive mesangium
EMAP:27966	glomerular mesangium
EMAP:28250	glomerular mesangium
EMAP:28280	
EMAP:28141	- renal cortical interstitium (syn: cortical stroma)
EMAP:31293	
EMAP:31301	- resident macrophages of the cortex (syn: renal monocytes of the cortex)
EMAP:31309	L rest of renal cortical interstitium
EMAP:28339	- outer medullary interstitium
: :	- outer medullary fibroblast
EMAP:31386	- resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31391	
EMAP:31396	Large rest of outer medullary interstitium
EMAP: 28366	inner medullary interstitium (syn: papillary interstitium)
EMAP:31401	
EMAP:31406	
EMAP:31411	L rest of inner medullary interstitium
EMAP:28088	L perihilar interstitium
EMAP:31364	
EMAP: 31370	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
interstitium)	L rest of perihilar interstitium
EMAP:31376	- small blood vessels
EMAP:31473 G	!!!.
EMAP:30041	
EMAP: 28277	
EMAP: 28166	
EMAP:28268	
EMAP:28271	- part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28274	L rest of afferent arteriole
EMAP:28247	
EMAP: 27960	- glomerular capillary system of maturing glomerular tuft
EMAP: 30047	
EMAP:28171	L renal medullary venous system
EMAP:31447 G	L renal capillaries
EMAP:28247	
EMAP:30041	renal cortical capillary
EMAP:30047	L renal medullary capillary (syn: vasa recta)
EMAP:31774 G	developing vasculature of urinary system GROUP
	I I I renal vasculature
EMAP:28463	
EMAP:28247	- glomerular capillary system
EMAP:28247 EMAP:27960	
EMAP:28247 EMAP:27960 EMAP:27996	
EMAP:28247 EMAP:27960 EMAP:27996 EMAP:28232	
EMAP:28247 EMAP:27960 EMAP:27996 EMAP:28232 EMAP:28235	
EMAP:28247 EMAP:27960 EMAP:27996 EMAP:28232 EMAP:28235 EMAP:27942	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378 EMAP: 28378 EMAP: 29968	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378 EMAP: 29968 EMAP: 29968 EMAP: 30017	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378 EMAP: 29968 EMAP: 29968 EMAP: 30017 EMAP: 30025	
EMAP: 28247 EMAP: 27960 EMAP: 27996 EMAP: 28232 EMAP: 28235 EMAP: 27942 EMAP: 28375 EMAP: 29980 EMAP: 30001 EMAP: 30009 EMAP: 28378 EMAP: 29968 EMAP: 30017 EMAP: 30025 EMAP: 30047	

EMAP:28268	
EMAF.20200	Afferent arteriole
EMAP:28271	
EMAP:28274	
EMAP:28220	- interlobular vein
EMAP:28223	
EMAP:30857	L ureteral vasculature
EMAP:28463 G	- renal vasculature
:	
EMAP:28247	glomerular capillary system
EMAP:27960	glomerular capillary system of maturing glomerular tuft
EMAP:27996	
EMAP:28232	Afferent arteriole
EMAP:28235	efferent arteriole
EMAP:27942	presumptive endothelium of renal corpuscle
EMAP:28375	
EMAP:29980	
EMAP:30001	endothelium of renal artery
EMAP:30009	smooth muscle layer of renal artery
!	renal vein
EMAP:28378	
EMAP:29968	- endothelial layer of renal vein
EMAP:30017	
EMAP:30025	L smooth muscle layer of renal vein
EMAP:30047	- renal medullary capillary (syn: vasa recta)
	interlobular artery
EMAP:28214	
EMAP:28217	- arcuate artery
EMAP:28268	afferent arteriole
EMAP:28271	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:28274	rest of afferent arteriole
:	interlobular vein
EMAP:28220	
EMAP:28223	│
EMAP:31440 G	- renal arterial system
EMAP:28375	renal artery
EMAP:29980	endothelial layer of renal artery
EMAP:30001	- endothelium of renal artery
!	
EMAP:30009	L smooth muscle layer of renal artery
EMAP:28214	
EMAP:28217	arcuate artery
EMAP:28166	renal medullary arterial system
EMAP:31454 G	- renal venous system
:	- renal vein
EMAP:28378	
EMAP:29968	- endothelial layer of renal vein
EMAP:30017	
EMAP:30025	L smooth muscle layer of renal vein
:	
EMAP:28220	!!!!
EMAP:28220	interlobular vein
EMAP:28223	- interlobular vein
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EMAP:31197	L developing vasculature of cauda epididymis
EMAP:30981 G	^L male external genitalia
EMAP:12301	
EMAP:12302	
EMAP:30648	
EMAP:30644	L mesenchyme of glans penis
EMAP:13170	- crus penis
EMAP:30670	surface epithelium of crus penis
EMAP:30666	mesenchyme of crus penis
EMAP:12303	prepuce of male
EMAP:30657	prepuce surface epithelium of male
EMAP:30661	preputial gland of male
EMAP:30652	prepuce mesenchyme of male
EMAP:30735	L scrotal fold
EMAP:30741	scrotal fold mesenchyme of male
EMAP:30738	scrotal fold surface epithelium of male
EMAP:12277	- female reproductive system
EMAP:12283	ovary
EMAP:31061 G	L ovigerous cord
EMAP:31032	meiotic oocytes
EMAP:31038	pre-granulosa cell
EMAP:12296	vagina
EMAP:30994 G	epithelium of vagina
EMAP:29060	- epithelial layer of lower part of vagina
EMAP:29054	epithelial layer of upper part of vagina
EMAP:31000 G	- muscular layer of vagina
EMAP:29064	muscular layer of lower part of vagina
EMAP:29057	
EMAP:31232 G	L developing vasculature of vagina
EMAP:31227	
EMAP:31222	developing vasculature of upper part of vagina
EMAP:30988 G	L female external genitalia
EMAP:12279	- genital tubercle of female
EMAP:12987	- glans clitoris
EMAP:30722	
EMAP:30717	
EMAP:12985	- crus of clitoris
EMAP:30732	surface epithelium of crus of clitoris
EMAP:30727	mesenchyme of crus of clitoris
EMAP:30701	L prepuce of female
EMAP:30709	prepuce surface epithelium of female
EMAP:30713	preputial gland of female
EMAP:30705	Labial avalling (available)
EMAP:12281	l labial swelling (syn: labia)
EMAP: 30441	- surface epithelium of labial swelling
EMAP:30436	L mesenchymal layer of labial swelling
EMAP:31783 G	developing vasculature of reproductive system GROUP
EMAP: 28895	developing vasculature of ovary
EMAP: 29121	developing vasculature of the testis
EMAP: 29129	coelomic vessel interstitial vessel
EMAP: 29137	
EMAP:31466 G	Large blood vessels Larcuate artery
EMAP:28217 EMAP:28223	Farcuate artery
EMAP:28223	
EMAP:28214 EMAP:28220	
EMAP:28220	
EMAP:11400 EMAP:13093	renal vein
DUME.IOUSO	- IGHAL VOIII