TS27 urinary and reproductive systems (P0 - P3)

```
EMAP: 30155
                mouse
EMAP:30154
                L organ system
EMAP:30153
                   L visceral organ
EMAP:30243
                     | urinary system
EMAP:30400
                          mesentery
                          rest of mesentery
EMAP:30401
EMAP:30402
                           L urogenital mesentery
EMAP: 30247
                          metanephros (syn: kidney)
                            renal capsule
EMAP:30249
EMAP:30282
                            nephrogenic zone
                               nephrogenic interstitium (syn: peripheral blastema)
EMAP: 30283
                               cap mesenchyme (syn: condensed mesenchyme)
EMAP:30284
EMAP: 30285
                               pretubular aggregate (syn: pretubular condensate)
EMAP:30248
                               ureteric tip (syn: ureteric ampulla)
EMAP:31052
                               ureteric tree terminal branch excluding tip itself
EMAP:30287
                            renal cortex
EMAP:30316
                               renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP: 31699
                                  renal connecting segment of renal vesicle
EMAP:31730
                                  distal renal vesicle
EMAP:31724
                                  proximal renal vesicle
                               comma-shaped body
EMAP: 30303
EMAP:30304
                                  upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
                                  lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:30305
                                  renal connecting segment of comma-shaped body
EMAP:31716
                               s-shaped body (syn: stage II nephron)
EMAP: 30319
EMAP:30324
                                  renal connecting tubule of s-shaped body
                                  distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30320
                                  medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30325
                                  proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:30321
EMAP: 30322
                                    visceral epithelium of s-shaped body
                                    parietal epithelium of s-shaped body
EMAP: 30323
                               capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP: 30307
EMAP:30311
                                  associated interstitium of renal corpuscle
EMAP:30312
                                  parietal epithelium
EMAP:30310
                                  presumptive endothelium of renal corpuscle
EMAP:30309
                                  presumptive mesangium
                                  visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:30308
EMAP:30264
                               maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268
                                  maturing glomerular tuft (syn: maturing glomerulus)
                                    glomerular capillary system of maturing glomerular tuft
EMAP: 30271
EMAP:30270
                                    glomerular mesangium
                                    visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP: 30269
EMAP:30971
                                    glomerular basement membrane
EMAP: 30272
                                  Bowman's capsule (syn: glomerular capsule)
                                    parietal epithelium
EMAP:30274
                                    urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30273
EMAP:30275
                                    glomerular mesangium of Bowman's capsule
EMAP: 30265
                                  juxtaglomerular arteriole
                                    afferent arteriole
EMAP:30266
EMAP:30267
                                    efferent arteriole
EMAP:30289
                               mature renal corpuscle (syn: Malpighian corpuscle)
EMAP: 30291
                                  glomerular tuft (syn: glomerulus)
                                    glomerular capillary system
EMAP:30294
EMAP:30295
                                    glomerular mesangium
EMAP:30293
                                    glomerular basement membrane
EMAP:30292
                                    visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:30300
                                  Bowman's capsule (syn: glomerular capsule)
EMAP:30301
                                    parietal epithelium
                                    urinary space of renal corpuscle (syn: Bowman's space)
EMAP: 30302
EMAP: 30296
                                  afferent arteriole
EMAP: 30297
                                    part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
                                    rest of afferent arteriole
EMAP: 30298
                                  efferent arteriole
EMAP: 30290
                                  extraglomerular mesangium
EMAP: 30299
                               cortical renal tubule
EMAP: 30253
EMAP:30254
                                  renal proximal tubule
                                    early proximal tubule
EMAP: 30255
EMAP:31707
                                       early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
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	L. L
EMAP:31615	Learly proximal tubule of maturing nephron
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257	- renal distal tubule
EMAP:30261	early distal tubule
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621	Learly distal tubule of maturing nephron
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	L distal straight tubule (syn: thick ascending limb)
EMAP:31382	premacula segment of distal straight tubule
EMAP:30260	macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP:30263	L renal connecting tubule
EMAP:31627	renal connecting tubule of capillary loop nephron
EMAP:31633	renal connecting tubule of maturing nephron
EMAP:31636	L renal connecting tubule of mature nephron
EMAP:30281	cortical collecting duct
EMAP:30315	
EMAP:31294	
EMAP:31302	
EMAP:31310	L rest of renal cortical interstitium
EMAP:30326	renal cortical vasculature
EMAP:30328	- renal cortical arterial system
EMAP:30330	interlobular artery
EMAP:30329	arcuate artery
EMAP:30331	renal cortical venous system
EMAP:30333	interlobular vein
EMAP:30332	Larcuate vein
EMAP:30327	renal cortical capillary
EMAP:31317	renal cortical lymphatics
EMAP:31324	l l renal cortical nerves
EMAP:30334	l - renal medulla
EMAP:30343	- outer medulla
EMAP:30351	loop of Henle, outer medullary portion
EMAP:30353	thin descending limb
EMAP:30352	thin ascending limb (syn: ascending thin limb)
EMAP:30356	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354	premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30350	- outer medullary interstitium
EMAP:31387	outer medullary fibroblast
EMAP:31392	resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31397	L rest of outer medullary interstitium
EMAP:30349	Louter medullary collecting duct
EMAP:30335	inner medulla (syn: papilla)
EMAP:30339	loop of Henle, inner medullary portion
EMAP:30341	thin descending limb
EMAP:30340	
EMAP:30342	L thin ascending limb (syn: ascending thin limb)
EMAP:30337	inner medullary interstitium (syn: papillary interstitium)
	inner medullary filterstituti (syri: papillary interstituti)
EMAP:31402 EMAP:31407	resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
	L rest of inner medullary interstitium
EMAP:32569 EMAP:30336	L inner medullary collecting duct (syn: papillary collecting duct)
EMAP:30356	renal medullary vasculature
EMAP:30358	renal medullary vasculatore
EMAP:30356	renal meduliary arterial system
EMAP:30359	L renal medullary capillary (syn: vasa recta)
EMAP:31352	renal meduliary lymphatics
EMAP:31359	L renal medullary nerves
EMAP: 30250	- calyx
EMAP: 30251	major
EMAP: 30252	
EMAP: 30276	
EMAP: 30278	pelvic urothelial lining (syn: pelvic urothelium)
EMAP: 30277	pelvic smooth muscle
EMAP: 30279	Learning filter fil
EMAP: 31365	- perihilar fibroblast
EMAP: 31371	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
interstitium)	L root of parihilar interstitium
EMAP: 31377	rest of perihilar interstitium
EMAP: 30244	- renal artery
EMAP: 30245	- endothelial layer of renal artery
EMAP:30465	endothelium of renal artery

EMAP:30246	│ │ └ smooth muscle layer of renal artery
EMAP:30404	- renal vein
EMAP:30405	- endothelial layer of renal vein
EMAP:30466	endothelium of renal vein
EMAP:30406	smooth muscle layer of renal vein
EMAP:30363	- ureter
EMAP:30369	urothelium of ureter (syn: transitional epithelium)
EMAP:30373	superficial cell layer of ureter (syn: umbrella cell)
EMAP:30371	intermediate cell layer of ureter
EMAP:30372	basal cell layer of ureter
EMAP:30367	- lamina propria
EMAP:30364	ureteral smooth muscle layer
EMAP:30365	smooth muscle component
EMAP:30366	Linterstitium (syn: Cajal cell)
EMAP:30368	- adventitia of ureter
EMAP:30858	L ureteral vasculature
EMAP:30374	- bladder
EMAP:30380	urothelium of bladder (syn: epithelium of bladder)
EMAP:32380	superficial cell layer of bladder
EMAP:32387	basal cell layer of bladder
EMAP:30382	urothelium of fundus
EMAP:30381	urothelium of trigone
EMAP:30383	L urothelium of neck
EMAP:30396	- lamina propria of bladder
EMAP:30397	lamina propria of fundus
EMAP:30398	lamina propria of tandas
EMAP:30399	Lamina propria of argone
EMAP:30388	- muscularis mucosa of bladder
EMAP:30390	
EMAP:30389	muscularis mucosa of trigone
EMAP:30391	
EMAP:32394	- submucosa of bladder
EMAP:32408	submucosa of fundus
EMAP:32507	submucosa of trigone
EMAP:32401	L submucosa of neck
EMAP:30376	- detrusor muscle of bladder
EMAP:30378	detrusor muscle of bladder
EMAP:30376	- detrusor muscle of trigone
EMAP:30377	Catrusor muscle of trigorie
EMAP:30392	- serosa of bladder
EMAP:30395	serosa of fundus
EMAP:30393	serosa of trigone
EMAP:30394	Serosa of neck
EMAP:30384	adventitia of bladder
EMAP:30385	adventitia of fundus
EMAP:30387	adventitia of trigone
EMAP:30386	L adventitia of neck
EMAP:30375	- vasculature of bladder (syn: blood vessel of bladder)
EMAP:31659	L nerve of bladder
EMAP:30403	- nerve of bladder
EMAP:30403	Fundames Fundames
EMAP:30419	pelvic urethra of female
EMAP:30421	urothelium of pelvic urethra of female
EMAP:32350	urothelium of dorsal pelvic urethra of female
EMAP:32357	superficial cell layer of dorsal pelvic urethra of female
EMAP:32519	intermediate cell layer of dorsal pelvic urethra of female
EMAP:32363	basal cell layer of dorsal pelvic urethra of female
EMAP:32424	urothelium of ventral pelvic urethra of female
EMAP:32460	superficial cell layer of ventral pelvic urethra of female
EMAP:32513	intermediate cell layer of ventral pelvic urethra of female
EMAP:32466	basal cell layer of ventral pelvic urethra of female
EMAP:30422	mesenchymal layer of pelvic urethra of female
EMAP:32580	mesenchymal layer of dorsal pelvic urethra of female
EMAP:32482	
	female; sub-epithelial mesenchymal layer of dorsal pelvic urethra of female)
EMAP: 32478	muscularis mucosa of dorsal pelvic urethra of female
EMAP:32549	submucosa of dorsal pelvic urethra of female
EMAP:32577	mesenchymal layer of ventral pelvic urethra of female
EMAP:32537	
	female; sub-epithelial mesenchymal layer of ventral pelvic urethra of female)
EMAP:32533	muscularis mucosa of ventral pelvic urethra of female
EMAP:32529	submucosa of ventral pelvic urethra of female
EMAP:32442	mesenchymal pad of pelvic urethra of female
'	

EMAP:30420	muscle layer of pelvic urethra of female
EMAP:32428	vasculature of pelvic urethra of female
EMAP:31799	nerve of pelvic urethra of female
EMAP:32445	l l L neural crest derivative of pelvic urethra of female
EMAP:30922	L phallic urethra of female (syn: external urethra of female)
EMAP:30933	urothelium of phallic urethra of female
EMAP:30937	mesenchymal layer of phallic urethra of female
EMAP: 30941	muscle layer of phallic urethra of female
EMAP:31740 EMAP:30407	L nerve of phallic urethra of female L urethra of male
EMAP:30412	
EMAP:30415	urothelium of pelvic urethra of male
EMAP:32497	
EMAP:32344	superficial cell layer of dorsal pelvic urethra of male
EMAP:32525	intermediate cell layer of dorsal pelvic urethra of male
EMAP:32328	basal cell layer of dorsal pelvic urethra of male
EMAP:32319	i i urothelium of ventral pelvic urethra of male
EMAP:32434	superficial cell layer of ventral pelvic urethra of male
EMAP:32555	
EMAP:32334	basal cell layer of ventral pelvic urethra of male
EMAP:30414	mesenchymal layer of pelvic urethra of male
EMAP: 32574	
EMAP: 32541	Iamina propria of dorsal pelvic urethra of male (syn: peri-epithelial mesenchymal layer of dorsal sub-epithelial mesenchymal layer of dorsal pelvic urethra of male)
EMAP: 32545	muscularis mucosa of dorsal pelvic urethra of male
EMAP:32470	L submucosa of dorsal pelvic urethra of male
EMAP:32583	
EMAP:32474	
ventral pelvic urethra o	f male; sub-epithelial mesenchymal layer of ventral pelvic urethra of male)
EMAP:32486	muscularis mucosa of ventral pelvic urethra of male
EMAP:32490	L submucosa of ventral pelvic urethra of male
EMAP:32414	L mesenchymal pad of pelvic urethra of male
EMAP:30413	muscle layer of pelvic urethra of male
EMAP: 32338	
EMAP:31789 EMAP:32439	L neural crest derivative of pelvic urethra of male
EMAP:30408	L phallic urethra of male (syn: external urethra of male)
EMAP:30409	urothelium of phallic urethra of male
EMAP:30411	- mesenchymal layer of phallic urethra of male
EMAP:30410	muscle layer of phallic urethra of male
EMAP:31805	nerve of phallic urethra of male
EMAP:30416	urorectal septum
EMAP:31648	L pelvic ganglion
EMAP:30156	reproductive system
EMAP: 30157	- male reproductive system
EMAP:30171 EMAP:30185	- testis - rete testis
EMAP:30176	- interstitium of the testis (syn: interstitial tissue)
EMAP:30178	- fetal Leydig cell
EMAP:30177	rest of interstitium of the testis (syn: non-specific mesenchyme)
EMAP:30179	tunica vaginalis testis
EMAP:30181	seminiferous cord (syn: seminiferous tubule)
EMAP:30184	Sertoli cell
EMAP:30183	- germ cell of testis
EMAP: 30182	L peritubular myoid cell
EMAP: 30175	mediastinum testis
EMAP:30172 EMAP:30173	
EMAP:30173	L interstitial vessel
EMAP:30180	- tunica albuginea of testis
EMAP:31243	Surface epithelium of testis
EMAP:30186	- cystic vesicular appendage
EMAP:30198	- inguinal canal
EMAP:30165	inguinal ring
EMAP:30167	external inguinal ring
EMAP:30166	internal inguinal ring
EMAP:30188	seminal vesicle (syn: vesicular seminalis)
EMAP: 32596	- epithelial layer of seminal vesicle
EMAP: 32604	
EMAP:32600 EMAP:32564	F adventitia of seminal vesicle
EMAP:32564 EMAP:30196	- vasculature of seminal vesicle - efferent duct of seminal vesicle (syn: vasa efferentia)
EMAP:30199	- epididymis

EMAP:30200	
EMAP:30615	epithelium of caput of epididymis
EMAP:30619	- muscle layer of caput of epididymis
EMAP:30623	- adventitia of caput of epididymis
EMAP:31208	developing vasculature of caput epididymis
EMAP:30202	- cauda epididymis
EMAP:30591	
EMAP:30595	- muscle layer of cauda of epididymis
EMAP:30599	- adventitia of cauda of epididymis
EMAP:31198	developing vasculature of cauda epididymis
EMAP:30201	- corpus epididymis
EMAP:30603	- epithelium of corpus epididymis
EMAP:30607	- muscle layer of corpus of epididymis
EMAP:30611	- adventitia of corpus of epididymis
EMAP:31203	L developing vasculature of corpus epididymis
EMAP:31187	L developing vasculature of epididymis
EMAP:30168	- developing vasculature of epididyrnis
	- epithelium of ductus deferens
EMAP: 30170	!!!"
EMAP: 30169	- muscle layer of ductus deferens
EMAP: 30753	- outer layer of ductus deferens
EMAP:31193	L developing vasculature of ductus deferens
EMAP: 30158	- appendix epididymis
EMAP: 30195	- appendix testis
EMAP: 30160	- ejaculatory duct
EMAP: 32592	epithelial layer of ejaculatory duct
EMAP:32370	- mesenchymal layer of ejaculatory duct
EMAP: 32449	muscle layer of ejaculatory duct
EMAP: 32568	vasculature of ejaculatory duct
EMAP:30192	hale accessory gland
EMAP:30193	bulbourethral gland (syn: Cowper's gland)
EMAP:30194	prostate gland
EMAP:32454	epithelial layer of prostate gland
EMAP:32418	peri-prostatic mesenchyme of prostate gland
EMAP:30187	- gubernaculum (syn: caudal suspensory ligament)
EMAP:30159	- mesorchium
EMAP:30161	penis (syn: genital tubercle of male)
EMAP:30162	- glans penis
EMAP:30649	surface epithelium of glans penis
EMAP:30645	L mesenchyme of glans penis
EMAP:30164	- crus penis
EMAP:30671	- surface epithelium of crus penis
EMAP:30667	mesenchyme of crus penis
EMAP:30163	prepuce of male
EMAP:30658	- prepuce surface epithelium of male
EMAP:30662	preputial gland of male
EMAP:30653	prepuce mesenchyme of male
EMAP:30736	L scrotal fold
EMAP:30742	- scrotal fold mesenchyme of male
EMAP:30739	scrotal fold surface epithelium of male
EMAP:30203	female reproductive system
EMAP:30224	- ovary
EMAP: 30232	surface epithelium of ovary (syn: coelomic epithelium)
EMAP:30525	tunica albuginea of ovary (syn: ovarian capsule)
EMAP: 30227	mesenchymal stroma of ovary
EMAP: 30228	cortical component of mesenchymal stroma
EMAP: 31044	- rest of cortical component of mesenchymal stroma of ovary
EMAP:31039	L pre-granulosa cell
EMAP: 30229	medullary component of mesenchymal stroma
EMAP:31033	- meiotic oocytes
EMAP:31245	- primordial follicle
EMAP:31246	- oocyte of primordial follicle
EMAP: 31248	L follicle cell of primordial follicle (syn: granulosa cell)
EMAP:30231	developing vasculature of ovary
EMAP: 30225	L rete ovarii of ovary
EMAP: 30208	- mesovarium
EMAP: 30219	cystic vesicular appendage
EMAP:30218	suspensory ligament of ovary
EMAP: 30209	- Mullerian tubercle
EMAP: 30214	- oviduct
EMAP: 30215	- epithelial layer of oviduct
EMAP: 30216	muscle layer of oviduet
EMAP:30217	- outer layer of oviduct

EMAP: 31218	L developing vasculature of oviduct
EMAP: 30205	- uterine horn (syn: uterus)
EMAP:30207	epithelium (syn: endometrium)
EMAP:30206	muscular layer (syn: myometrium)
EMAP:31213	developing vasculature of uterine horn
EMAP:30679	L outer layer of uterine horn
EMAP:30236	- vagina
EMAP:30237	lower part of vagina (syn: sinus vagina)
EMAP:30238	epithelial layer of lower part of vagina
EMAP:32323	hesenchymal layer of lower part of vagina
EMAP:30239	muscular layer of lower part of vagina
EMAP:31228	L developing vasculature of lower part of vagina
EMAP:30240	Lupper part of vagina
EMAP:30241	epithelial layer of upper part of vagina
EMAP:32374	mesenchymal layer of upper part of vagina
EMAP:30242	h muscular layer of upper part of vagina
EMAP:31223	developing vasculature of upper part of vagina
EMAP:30211	- genital tubercle of female
EMAP:30213	- glans clitoris
EMAP:30723	surface epithelium of glans clitoris
EMAP:30718	
EMAP:30212	- crus of clitoris
EMAP:30733	surface epithelium of crus of clitoris
EMAP:30728	mesenchyme of crus of clitoris
EMAP:30702	prepuce of female
EMAP:30710	repuce surface epithelium of female
EMAP:30714	preputial gland of female
EMAP:30706	prepuce mesenchyme of female
EMAP:30204	- labial swelling (syn: labia)
EMAP:30442	- surface epithelium of labial swelling
EMAP:30437	mesenchymal layer of labial swelling
EMAP:30220	- inguinal canal
EMAP:30221	inguinal ring
EMAP:30223	internal (syn: deep)
EMAP:30222	external (syn: superficial)
	, , ,

TS27 Groups

'G': Term is a group.

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EMAP: 30155
                mouse
EMAP: 30154
                L organ system
EMAP:30153
                   L visceral organ
EMAP:30243
                      | urinary system
EMAP:30247
                        - metanephros (syn: kidney)
EMAP:30287
                             renal cortex
EMAP: 30253
                               cortical renal tubule
                                  cortical renal tubule of capillary loop nephron GROUP
EMAP:31824 G
                                     anlage of loop of Henle (syn: primitive loop of Henle)
EMAP: 31287
                                     early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31642
                                     early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP: 31707
EMAP:31627
                                     renal connecting tubule of capillary loop nephron
                                  cortical renal tubule of maturing nephron GROUP
EMAP:31818 G
EMAP:31621
                                     early distal tubule of maturing nephron
EMAP: 31615
                                     early proximal tubule of maturing nephron
EMAP:31633
                                     renal connecting tubule of maturing nephron
EMAP:31793 G
                                  cortical renal tubule of mature nephron GROUP
EMAP:30262
                                     distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258
                                     distal straight tubule (syn: thick ascending limb)
EMAP: 31382
                                     - premacula segment of distal straight tubule
EMAP:30260
                                       macula densa
                                       postmacula segment of distal straight tubule
EMAP: 30259
EMAP:31636
                                     renal connecting tubule of mature nephron
                                     renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP: 30256
EMAP:30318 G
                                  renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:30316
                                     renal connecting segment of renal vesicle
EMAP: 31699
                                     distal renal vesicle
EMAP: 31730
EMAP:31724
                                     proximal renal vesicle
EMAP:30303
                                  comma-shaped body
EMAP:30304
                                     upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
                                     lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:30305
EMAP:31716
                                    renal connecting segment of comma-shaped body
EMAP:30319
                                  s-shaped body (syn: stage II nephron)
EMAP:30324
                                     renal connecting tubule of s-shaped body
                                     distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30320
EMAP:30325
                                     medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30321
                                     proximal segment of s-shaped body (syn: lower limb of s-shaped body)
                                       visceral epithelium of s-shaped body
EMAP: 30322
EMAP:30323
                                     L parietal epithelium of s-shaped body
                                developing capillary loop stage nephron GROUP (syn: stage III nephron)
EMAP: 30317 G
EMAP:30307
                                  capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
                                     associated interstitium of renal corpuscle
EMAP: 30311
                                     parietal epithelium
EMAP: 30312
EMAP: 30310
                                     presumptive endothelium of renal corpuscle
EMAP:30309
                                     presumptive mesangium
                                     visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:30308
EMAP:30253
                                  cortical renal tubule
EMAP: 30254
                                     renal proximal tubule
EMAP:30255
                                       early proximal tubule
EMAP:31707
                                          early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
                                          early proximal tubule of maturing nephron
EMAP: 31615
EMAP:30256
                                       renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287
                                     anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257
                                     renal distal tubule
EMAP:30261
                                       early distal tubule
EMAP: 31642
                                          early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
                                        early distal tubule of maturing nephron
EMAP: 31621
EMAP: 30262
                                        distal convoluted tubule (syn: second convoluted tubule)
                                        distal straight tubule (syn: thick ascending limb)
EMAP: 30258
                                          premacula segment of distal straight tubule
EMAP: 31382
EMAP: 30260
                                          macula densa
EMAP:30259
                                          postmacula segment of distal straight tubule
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EMAP: 30263	
EMAP:31627	renal connecting tubule of capillary loop frephron
EMAP:31636	renal connecting tubule of mature nephron
EMAP:31824	cortical renal tubule of capillary loop nephron GROUP
EMAP:31287	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627	L renal connecting tubule of capillary loop nephron
EMAP:31818	cortical renal tubule of maturing nephron GROUP
EMAP:31621	early distal tubule of maturing nephron
EMAP:31615	
EMAP:31793	Cortical renal tubule of mature nephron GROUP
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	premacula segment of distal straight tubule
EMAP:30260	macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP:31636	renal connecting tubule of mature nephron
EMAP:30256	renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30306 G	maturing nephron (syn: stage IV nephron)
EMAP: 30264	
EMAP:30268	glomerular capillary system of maturing glomerular tuft
EMAP:30270	glomerular mesangium
EMAP:30269	visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30971	L glomerular basement membrane
EMAP:30272	Bowman's capsule (syn: glomerular capsule)
EMAP:30274	parietal epithelium
EMAP:30273	urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30275	L glomerular mesangium of Bowman's capsule
EMAP: 30265	L juxtaglomerular arteriole
EMAP: 30266	
EMAP:30267	L cortical renal tubule
EMAP:30254	- renal proximal tubule
EMAP:30255	early proximal tubule
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615	early proximal tubule of maturing nephron
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP: 30257	renal distal tubule
EMAP:30261	
EMAP:31621	early distal tubule of capillary loop frepritors (syrf. afflage of distal tubule)
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	premacula segment of distal straight tubule
EMAP:30260	macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP: 30263	renal connecting tubule
EMAP: 31627	
EMAP:31633	Frenal connecting tubule of maturing nephron
EMAP:31824	- cortical renal tubule of capillary loop nephron GROUP
EMAP:31287	
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627	renal connecting tubule of capillary loop nephron
EMAP:31818	cortical renal tubule of maturing nephron GROUP
EMAP: 31621	early distal tubule of maturing nephron
EMAP: 31615	
EMAP:31633	L cortical renal tubule of maturing nephron
EMAP:30262	- distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	- premacula segment of distal straight tubule
EMAP:30260	- macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP:31636	renal connecting tubule of mature nephron
EMAP:30256	renal proximal convoluted tubule (syn: first convoluted tubule)

EMAP:30314 G	
EMAP:30307	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311	associated interstitium of renal corpuscle
EMAP:30312	parietal epithelium
EMAP:30310	presumptive endothelium of renal corpuscle
EMAP:30309	presumptive mesangium
EMAP:30308	visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:30264	maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268	maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271	- glomerular capillary system of maturing glomerular tuft
EMAP:30270	- glomerular mesangium
EMAP:30269	- visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30971	
EMAP:30272	- Bowman's capsule (syn: glomerular capsule)
EMAP:30274	
1	
EMAP:30273	
EMAP:30275	
EMAP:30265	L juxtaglomerular arteriole
EMAP:30266	- afferent arteriole
EMAP:30267	Lefferent arteriole
EMAP:30253	L cortical renal tubule
EMAP:30254	renal proximal tubule
EMAP:30255	early proximal tubule
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615	L early proximal tubule of maturing nephron
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	
EMAP:30257	- renal distal tubule
EMAP:30261	
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621	
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	i i i i Li distal straight tubule (syn: thick ascending limb)
EMAP:31382	
EMAP:30260	- macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP:30263	renal connecting tubule
EMAP:31627	- renal connecting tubule of capillary loop nephron
EMAP:31633	- renal connecting tubule of maturing nephron
EMAP:31636	renal connecting tubule of mature nephron
EMAP:31824	- cortical renal tubule of capillary loop nephron GROUP
EMAP:31287	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642	- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707	- early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627	L renal connecting tubule of capillary loop nephron
EMAP:31818	- cortical renal tubule of maturing nephron GROUP
EMAP:31621	
	- early proximal tubule of maturing nephron
EMAP: 31615	
EMAP:31633	L renal connecting tubule of maturing nephron
EMAP: 31793	L cortical renal tubule of mature nephron GROUP
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP: 30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	
EMAP:30260	- macula densa
EMAP:30259	L postmacula segment of distal straight tubule
EMAP:31636	renal connecting tubule of mature nephron
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30452 G	L juxtaglomerular complex
EMAP:30299	extraglomerular mesangium
EMAP:30260	
EMAP:30297	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30334	renal medulla
EMAP:31498 G	Loop of Henle group
EMAP:30351	loop of Henle, outer medullary portion
EMAP:30353	thin descending limb
EMAP:30352	thin ascending limb (syn: ascending thin limb)
EMAP:30356	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354	premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30339	loop of Henle, inner medullary portion
EMAP:30341	thin descending limb
EMAP:30340	bend (syn: U-turn)
EMAP:30342	thin ascending limb (syn: ascending thin limb)
'	

EMAP:30361 G	early nephron GROUP
EMAP:30253	cortical renal tubule
EMAP:30254	Frenal proximal tubule
EMAP:30255	early proximal tubule
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615	
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	
EMAP:30257	
EMAP:30261	
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621	L early distal tubule of maturing nephron
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	L distal straight tubule (syn: thick ascending limb)
EMAP:31382	premacula segment of distal straight tubule
EMAP:30260	
EMAP:30259	L postmacula segment of distal straight tubule
EMAP:30263	
EMAP:31627	renal connecting tubule of capillary loop nephron
EMAP:31633	
EMAP:31636	L renal connecting tubule of mature nephron
EMAP:31824	
EMAP:31287	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627	L renal connecting tubule of capillary loop nephron
EMAP:31818	cortical renal tubule of maturing nephron GROUP
EMAP:31621	early distal tubule of maturing nephron
EMAP:31615	early proximal tubule of maturing nephron
EMAP:31633	L renal connecting tubule of maturing nephron
EMAP:31793	L cortical renal tubule of mature nephron GROUP
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	- premacula segment of distal straight tubule
EMAP:30260	- macula densa
EMAP: 30259	L postmacula segment of distal straight tubule
EMAP:31636 EMAP:30256	renal connecting tubule of mature nephron
EMAP:30316	renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31699	renal connecting segment of renal vesicle
EMAP:31730	distal renal vesicle
EMAP:31724	L proximal renal vesicle
EMAP:30303	- comma-shaped body
EMAP:30304	upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:30305	lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31716	renal connecting segment of comma-shaped body
EMAP:30319	s-shaped body (syn: stage II nephron)
EMAP:30324	renal connecting tubule of s-shaped body
EMAP:30320	distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30325	medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30321	proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:30322	visceral epithelium of s-shaped body
EMAP:30323	parietal epithelium of s-shaped body
EMAP:30307	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311	associated interstitium of renal corpuscle
EMAP:30312	
EMAP:30310	presumptive endothelium of renal corpuscle
EMAP:30309	presumptive mesangium
EMAP:30308	L visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:30264	maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268	maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271	- glomerular capillary system of maturing glomerular tuft
EMAP: 30270	- glomerular mesangium
EMAP: 30269	visceral epithelium of maturing renal corpuscle (syn: podocyte layer)
EMAP:30971	L glomerular basement membrane
EMAP:30272	
EMAP: 30274	
EMAP:30273 EMAP:30275	
EMAP: 30275	L juxtaglomerular arteriole
EMAP:30266	- juxtagiomerdial afteriole
EMAP:30267	efferent arteriole
/	

EMA D. 20200	La La meture renel corpusele (eur. Melnighien corpusele)
EMAP:30289 EMAP:30291	L mature renal corpuscle (syn: Malpighian corpuscle) glomerular tuft (syn: glomerulus)
EMAP:30294	glomerular capillary system
EMAP:30295	
EMAP:30293	glomerular basement membrane
EMAP:30292	visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:30300	Bowman's capsule (syn: glomerular capsule)
EMAP:30301	parietal epithelium
EMAP:30302	Lurinary space of renal corpuscle (syn: Bowman's space)
EMAP:30296	afferent arteriole
EMAP:30297	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298	
EMAP:30290 EMAP:30299	
EMAP:30288 G	- mature nephron
EMAP:30253	cortical renal tubule
EMAP:30254	- renal proximal tubule
EMAP:30255	early proximal tubule
EMAP:31707	early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615	Learly proximal tubule of maturing nephron
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257	- renal distal tubule
EMAP: 30261	- early distal tubule
EMAP: 31642	early distal tubule of capillary loop nephron (syn: anlage of distal tubule) Learly distal tubule of maturing nephron
EMAP:31621 EMAP:30262	- distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	L distal straight tubule (syn: thick ascending limb)
EMAP:31382	
EMAP:30260	macula densa
EMAP:30259	postmacula segment of distal straight tubule
EMAP:30263	renal connecting tubule
EMAP:31627	renal connecting tubule of capillary loop nephron
EMAP:31633	renal connecting tubule of maturing nephron
EMAP:31636	L renal connecting tubule of mature nephron
EMAP:31824	cortical renal tubule of capillary loop nephron GROUP
EMAP: 31287	- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642 EMAP:31707	
EMAP:31627	L renal connecting tubule of capillary loop nephron
EMAP:31818	- cortical renal tubule of maturing nephron GROUP
EMAP:31621	early distal tubule of maturing nephron
EMAP:31615	- early proximal tubule of maturing nephron
EMAP:31633	renal connecting tubule of maturing nephron
EMAP:31793	L cortical renal tubule of mature nephron GROUP
EMAP:30262	distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	distal straight tubule (syn: thick ascending limb)
EMAP:31382	
EMAP: 30260	
EMAP:30259 EMAP:31636	
EMAP:30256	L renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31498	Loop of Henle group
EMAP:30351	
EMAP:30353	thin descending limb
EMAP:30352	thin ascending limb (syn: ascending thin limb)
EMAP:30356	proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354	Compacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30339	l loop of Henle, inner medullary portion
EMAP:30341	thin descending limb
EMAP:30340	- bend (syn: U-turn)
EMAP:30342	Language Languag
EMAP: 30289	L mature renal corpuscle (syn: Malpighian corpuscle) glomerular tuft (syn: glomerulus)
EMAP:30291 EMAP:30294	
EMAP:30295	glomerular mesangium
EMAP:30293	
EMAP:30292	visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:30300	Bowman's capsule (syn: glomerular capsule)
EMAP:30301	parietal epithelium
EMAP:30302	Lurinary space of renal corpuscle (syn: Bowman's space)
EMAP:30296	

EMAP:30297	
EMAP:30298	rest of afferent arteriole
EMAP:30290	- efferent arteriole
!	!!!!!
EMAP:30299	extraglomerular mesangium
EMAP:30280 G	
EMAP:30248	
EMAP:31052	Light Indicates the properties of the properties
EMAP:30286	Lureteric trunk
!	
EMAP:30281	
EMAP:30349	outer medullary collecting duct
EMAP:30336	
EMAP:30286 G	
EMAP:30281	
EMAP:30349	outer medullary collecting duct
:	
EMAP:30336	miles medamary concerning adds (c) in papinary concerning adds (
EMAP:30362 G	renal interstitium group
EMAP:30283	- nephrogenic interstitium (syn: peripheral blastema)
EMAP:30311	
EMAP:30309	
EMAP:30270	glomerular mesangium
EMAP:30295	giomerular mesangium
!	
EMAP:30299	extraglomerular mesangium
EMAP:30315	renal cortical interstitium (syn: cortical stroma)
EMAP:31294	- renal cortical fibroblasts
EMAP:31302	
EMAP:31310	rest of renal cortical interstitium
EMAP:30350	- outer medullary interstitium
:	
EMAP:31387	Outer medullary fibroblast
EMAP:31392	resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31397	
EMAP:30337	
EMAP:31402	
EMAP:31407	- resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:32569	rest of inner medullary interstitium
EMAP:30279	L perihilar interstitium
EMAP:31365	
FIMAP: 31 303 I	i I I I F DEHIHA HDIODIASI
!	!!!!"
EMAP:31371	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
!	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
EMAP:31371	!!!!"
EMAP: 31371 interstitium)	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium Small blood vessels
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium - small blood vessels renal cortical capillary
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium Small blood vessels F renal cortical capillary F efferent arteriole
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium Small blood vessels F renal cortical capillary F efferent arteriole F renal medullary arterial system
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium Small blood vessels Frenal cortical capillary Fefferent arteriole Frenal medullary arterial system Fafferent arteriole
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole afferent arteriole part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium Small blood vessels Frenal cortical capillary Fefferent arteriole Frenal medullary arterial system Fafferent arteriole
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30298 EMAP:30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole glomerular capillary system
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30298 EMAP:30294 EMAP:30271	
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30298 EMAP:30294 EMAP:30271 EMAP:30359	
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30271 EMAP:30359 EMAP:30360	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole part of afferent arteriole rest of afferent arteriole part of afferent arteriole l part of afferent arteriole part of afferent arteriole l pomerular capillary system plomerular capillary system plomerular capillary system plomerular capillary (syn: vasa recta) renal medullary venous system
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30298 EMAP:30294 EMAP:30294 EMAP:30271 EMAP:30359 EMAP:30360 EMAP:31448 G	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole l part of afferent arteriole l perst of a
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30271 EMAP:30359 EMAP:30360	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole l part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole l plomerular capillary system glomerular capillary system l glomerular capillary system of maturing glomerular tuft renal medullary capillary (syn: vasa recta) renal capillaries glomerular capillary system l glomerular capillary system
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30298 EMAP:30294 EMAP:30294 EMAP:30271 EMAP:30359 EMAP:30360 EMAP:31448 G	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole l part of afferent arteriole l perst of a
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30359 EMAP:30359 EMAP:30360 EMAP:31448 G EMAP:30294 EMAP:30294 EMAP:30294 EMAP:30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole l part of afferent arteriole l part of afferent arteriole l personal fafferent arteriole l personal faf
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30359 EMAP:30359 EMAP:30360 EMAP:31448 G EMAP:30294 EMAP:30294 EMAP:30294 EMAP:30359	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole l part of afferent arteriole l part of afferent arteriole l person of af
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30358 EMAP:30297 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30271 EMAP:30359 EMAP:30360 EMAP:31448 G EMAP:30294 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359	
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30296 EMAP:30297 EMAP:30297 EMAP:30294 EMAP:30294 EMAP:30359 EMAP:30360 EMAP:31448 G EMAP:30294 EMAP:30359	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole renal ferent arteriole part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole plant of afferent arteriole plant of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole plant
EMAP:31371 interstitium) EMAP:31377 EMAP:31474 G EMAP:30327 EMAP:30290 EMAP:30296 EMAP:30297 EMAP:30298 EMAP:30294 EMAP:30294 EMAP:30359 EMAP:30360 EMAP:31448 G EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30359 EMAP:30327 EMAP:30359 EMAP:30327 EMAP:30359 EMAP:30327 EMAP:303294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole part of afferent arteriole plant of afferent arteriole juxtaglomerular complex (syn: renin-producing cell) plant of afferent arteriole plant of afferent arte
EMAP: 31371 interstitium) EMAP: 31377 EMAP: 31474 G EMAP: 30327 EMAP: 30290 EMAP: 30296 EMAP: 30297 EMAP: 30298 EMAP: 30294 EMAP: 30271 EMAP: 30359 EMAP: 30359 EMAP: 30360 EMAP: 30360 EMAP: 30379 EMAP: 30379 EMAP: 30379 EMAP: 30379 EMAP: 30327 EMAP: 30327 EMAP: 30327 EMAP: 30327 EMAP: 30327 EMAP: 303294 EMAP: 303294 EMAP: 303294 EMAP: 30294 EMAP: 30294 EMAP: 30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system hafferent arteriole rest of afferent arteriole rest of afferent arteriole leglomerular capillary system leglomerular capillary system leglomerular capillary system of maturing glomerular tuft legromerular capillary (syn: vasa recta) legromerular capillary system legromerular capillary (syn: vasa recta) legromerular capillary system legromerular capillary system GROUP legromerular capillary system of maturing glomerular tuft
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EMAP: 31371 interstitium) EMAP: 31377 EMAP: 31474 G EMAP: 30327 EMAP: 30290 EMAP: 30296 EMAP: 30297 EMAP: 30298 EMAP: 30294 EMAP: 30271 EMAP: 30359 EMAP: 30359 EMAP: 30360 EMAP: 30379 EMAP: 30359 EMAP: 30360 EMAP: 30417 EMAP: 30359 EMAP: 30327 EMAP: 30359 EMAP: 30360 EMAP: 30294 EMAP: 30294 EMAP: 30359 EMAP: 30360 EMAP: 30370 EMAP: 30360 EMAP: 30370 EMAP: 30370 EMAP: 30370 EMAP: 30370 EMAP: 30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole glomerular capillary system glomerular capillary system of maturing glomerular tuft renal medullary capillary (syn: vasa recta) renal capillaries glomerular capillary system renal cortical capillary renal medullary venous system renal cortical capillary renal medullary system glomerular capillary renal medullary system renal cortical capillary renal medullary system glomerular capillary renal medullary system glomerular capillary (syn: vasa recta) developing vasculature of urinary system GROUP renal vasculature glomerular capillary system glomerular capillary glo
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EMAP: 31371 interstitium) EMAP: 31377 EMAP: 31474 G EMAP: 30327 EMAP: 30290 EMAP: 30296 EMAP: 30297 EMAP: 30298 EMAP: 30294 EMAP: 30359 EMAP: 30359 EMAP: 30360 EMAP: 30360 EMAP: 30360 EMAP: 3037 EMAP: 30327 EMAP: 30327 EMAP: 30294 EMAP: 30294 EMAP: 30327 EMAP: 303407 EMAP: 30246 EMAP: 30246 EMAP: 30246 EMAP: 30246 EMAP: 30246 EMAP: 30405	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar L rest of perihilar interstitium small blood vessels l - renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole l - part of afferent arteriole l - glomerular capillary system l - glomerular capillary system of maturing glomerular tuft renal medullary venous system renal capillaries l - glomerular capillary system renal cortical capillary renal medullary capillary (syn: vasa recta) renal medullary capillary renal medullary capillary renal medullary capillary (syn: vasa recta) - developing vasculature of urinary system GROUP - renal vasculature - glomerular capillary system - glomerular capillary -
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EMAP: 31371 interstitium) EMAP: 31377 EMAP: 31474 G EMAP: 30327 EMAP: 30290 EMAP: 30296 EMAP: 30297 EMAP: 30297 EMAP: 30294 EMAP: 30359 EMAP: 30359 EMAP: 30359 EMAP: 30360 EMAP: 3048 EMAP: 3037 EMAP: 30407 EMAP: 30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar Lest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole rest of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole glomerular capillary system glomerular capillary system glomerular capillary system lendullary capillary system lendulary capillary system GROUP lendular capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary system of glom
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EMAP: 31371 interstitium) EMAP: 31377 EMAP: 31474 G EMAP: 30327 EMAP: 30290 EMAP: 30296 EMAP: 30297 EMAP: 30297 EMAP: 30294 EMAP: 30359 EMAP: 30359 EMAP: 30359 EMAP: 30360 EMAP: 3048 EMAP: 3037 EMAP: 30407 EMAP: 30294	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar Lest of perihilar interstitium small blood vessels renal cortical capillary efferent arteriole renal medullary arterial system afferent arteriole rest of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell) rest of afferent arteriole glomerular capillary system glomerular capillary system glomerular capillary system lendullary capillary system lendulary capillary system GROUP lendular capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary capillary system of maturing glomerular tuft lendulary system of glom

EMAP:30296	
EMAP:30297	part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298	L rest of afferent arteriole
:	
EMAP:30333	- interlobular vein
EMAP:30332	
EMAP:30858	
EMAP:30417 G	- renal vasculature
:	
EMAP:30294	- glomerular capillary system
EMAP:30271	
EMAP:30265	
EMAP:30266	
EMAP:30267	Lefferent arteriole
:	
EMAP:30310	presumptive endothelium of renal corpuscle
EMAP:30244	- renal artery
EMAP:30245	
EMAP:30465	endothelium of renal artery
EMAP:30246	smooth muscle layer of renal artery
EMAP:30404	renal vein
EMAP:30405	
EMAP:30466	
EMAP:30406	i i smooth muscle layer of renal vein
EMAP:30359	- renal medullary capillary (syn: vasa recta)
:	Interlobular artery
EMAP:30330	
EMAP:30329	arcuate artery
EMAP:30296	
EMAP:30297	- part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298	rest of afferent arteriole
:	
EMAP:30333	
EMAP:30332	Larcuate vein
EMAP:31441 G	renal arterial system
EMAP:30244	Frenal artery
EMAP:30245	- endothelial layer of renal artery
:	
EMAP:30465	- endothelium of renal artery
EMAP:30246	
EMAP:30330	
EMAP:30329	i - arcuate artery
EMAP:30358	renal medullary arterial system
EMAP:31455 G	- renal venous system
:	
EMAP:30404	- renal vein
EMAP:30405	
EMAP:30466	
EMAP:30406	i i smooth muscle layer of renal vein
EMAP:30333	I Interlobular vein
:	
EMAP:30332	- arcuate vein
EMAP:30296	afferent arteriole
EMAP:30297	
EMAP:30298	Lirest of afferent arteriole
EMAP:30290	- efferent arteriole
EMAP:30360	L renal medullary venous system
:	
EMAP:31811 G	L nerves of urethra GROUP
EMAP:31799	nerve of pelvic urethra of female
EMAP:31789	- nerve of pelvic urethra of male
EMAP:31740	- nerve of phallic urethra of female
EMAP:31805	L nerve of phallic urethra of male
:	L reproductive system
EMAP:30156	
EMAP:30157	male reproductive system
EMAP:30199	- epididymis
EMAP:31008 G	- epithelium of epididymis
EMAP:30615	
EMAP:30603	- epithelium of corpus epididymis
:	
EMAP:30591	L epithelium of cauda of epididymis
EMAP:31016 G	muscle layer of epididymis
EMAP:30619	
EMAP:30607	
EMAP:30595	L muscle layer of cauda of epididymis
:	
EMAP:31012 G	adventitia of epididymis
EMAP:30623	adventitia of caput of epididymis
EMAP:30611	
EMAP:30599	L adventitia of cauda of epididymis
EMAP:31239 G	developing vasculature system of epididymis
:	- developing vasculature of caput epididymis
EMAP:31208	
EMAP:31203	developing vasculature of corpus epididymis

EMAP:31198		developing vasculature of cauda epididymis
EMAP:30982	G	L male external genitalia
EMAP:30161		penis (syn: genital tubercle of male)
EMAP:30162		glans penis
EMAP:30649		surface epithelium of glans penis
EMAP:30645		L mesenchyme of glans penis
EMAP:30164		crus penis
EMAP:30671		surface epithelium of crus penis
EMAP:30667		L mesenchyme of crus penis
EMAP:30163		prepuce of male
EMAP:30658		- prepuce surface epithelium of male
EMAP:30662		preputial gland of male
EMAP:30653		prepuce mesenchyme of male
EMAP:30736		scrotal fold
EMAP:30742		- scrotal fold mesenchyme of male
EMAP:30739		scrotal fold surface epithelium of male
EMAP:30203		- female reproductive system
EMAP:30224		ovary
EMAP:31062	G	L ovigerous cord
EMAP:31033		meiotic oocytes
EMAP:31039		pre-granulosa cell
EMAP:30236		vagina
EMAP:30995	G	epithelium of vagina
EMAP:30238		epithelial layer of lower part of vagina
EMAP:30241		epithelial layer of upper part of vagina
EMAP:31001	G	muscular layer of vagina
EMAP:30239	_	muscular layer of lower part of vagina
EMAP:30242		L muscular layer of upper part of vagina
EMAP:31233	G	developing vasculature of vagina
EMAP:31228	Ü	developing vasculature of lower part of vagina
EMAP:31223		developing vasculature of upper part of vagina
EMAP:30989	G	L female external genitalia
EMAP:30211	Ü	genital tubercle of female
EMAP:30211		gains clitoris
EMAP:30723		surface epithelium of glans clitoris
EMAP:30718		mesenchyme of glans clitoris
EMAP:30212		
EMAP:30733		surface epithelium of crus of clitoris
EMAP:30728		mesenchyme of crus of clitoris
EMAP:30702		prepuce of female
EMAP:30710		prepuce of female
EMAP:30714		
EMAP:30706		prepute mesenchyme of female
EMAP:30700		Labial swelling (syn: labia)
EMAP:30442		- labial swelling (syn. labia) - surface epithelium of labial swelling
EMAP:30442		
EMAP:31784	G	developing vasculature of reproductive system GROUP
EMAP:30231	5	developing vasculature of ovary
EMAP:30231		developing vasculature of the testis
EMAP:30172		- developing vasculature of the testis
EMAP:30173		interstitial vessel
EMAP:30174 EMAP:31467	C	Large blood vessels
EMAP:30329	9	- large blood vessels - arcuate artery
		- arcuate vein
EMAP:30332		interlobular artery
EMAP:30330		L interlobular vein
EMAP:30333		- interiopulai veili