

TS26 urinary and reproductive systems (18dpc)

EMAP:25791	mouse
EMAP:11160	├ organ system
EMAP:11161	│ └ visceral organ
EMAP:12246	│ │ └ urinary system
EMAP:12254	│ │ │ └ mesentery
EMAP:29616	│ │ │ │ └ rest of mesentery
EMAP:12255	│ │ │ │ └ urogenital mesentery
EMAP:12256	│ │ │ └ metanephros (syn: kidney)
EMAP:12267	│ │ │ │ └ renal capsule
EMAP:27727	│ │ │ │ └ nephrogenic zone
EMAP:27734	│ │ │ │ │ └ nephrogenic interstitium (syn: peripheral blastema)
EMAP:27741	│ │ │ │ │ └ cap mesenchyme (syn: condensed mesenchyme)
EMAP:27748	│ │ │ │ │ └ pretubular aggregate (syn: pretubular condensate)
EMAP:27755	│ │ │ │ │ └ ureteric tip (syn: ureteric ampulla)
EMAP:31051	│ │ │ │ │ └ ureteric tree terminal branch excluding tip itself
EMAP:12266	│ │ │ └ renal cortex
EMAP:27834	│ │ │ │ └ renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31698	│ │ │ │ │ └ renal connecting segment of renal vesicle
EMAP:31729	│ │ │ │ │ └ distal renal vesicle
EMAP:31723	│ │ │ │ │ └ 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	│ │ │ │ │ └ 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	│ │ │ │ │ └ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27900	│ │ │ │ │ │ └ visceral epithelium of s-shaped body
EMAP:27906	│ │ │ │ │ │ └ parietal epithelium of s-shaped body
EMAP:27912	│ │ │ │ └ capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27930	│ │ │ │ │ └ associated interstitium of renal corpuscle
EMAP:27924	│ │ │ │ │ └ parietal epithelium
EMAP:27942	│ │ │ │ │ └ presumptive endothelium of renal corpuscle
EMAP:27936	│ │ │ │ │ └ presumptive mesangium
EMAP:27918	│ │ │ │ │ └ visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27948	│ │ │ │ └ maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27954	│ │ │ │ │ └ maturing glomerular tuft (syn: maturing glomerulus)
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	│ │ │ │ │ │ └ parietal epithelium
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	│ │ │ │ │ │ └ afferent arteriole
EMAP:28235	│ │ │ │ │ │ └ efferent arteriole
EMAP:28238	│ │ │ │ └ mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28241	│ │ │ │ │ └ glomerular tuft (syn: glomerulus)
EMAP:28247	│ │ │ │ │ │ └ glomerular capillary system
EMAP:28250	│ │ │ │ │ │ └ glomerular mesangium
EMAP:28253	│ │ │ │ │ │ └ glomerular basement membrane
EMAP:28256	│ │ │ │ │ │ └ visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28259	│ │ │ │ │ └ Bowman's capsule (syn: glomerular capsule)
EMAP:28262	│ │ │ │ │ │ └ parietal epithelium
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	│ │ │ │ │ └ extraglomerular mesangium
EMAP:12276	│ │ │ └ 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:30009				└	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				└	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				└	basal cell layer of ureter
EMAP:28843				├	lamina propria
EMAP:28846				├	ureteral smooth muscle layer
EMAP:28849				├	smooth muscle component
EMAP:28852				└	interstitium (syn: Cajal cell)
EMAP:28119				├	adventitia of ureter
EMAP:30857				└	ureteral vasculature
EMAP:12248				└	bladder
EMAP:28606				├	urothelium of bladder (syn: epithelium of bladder)
EMAP:32379				├	superficial cell layer of bladder
EMAP:32386				├	basal cell layer of bladder
EMAP:28612				├	urothelium of fundus
EMAP:28618				├	urothelium of trigone
EMAP:30086				└	urothelium of neck
EMAP:30093				├	lamina propria of bladder
EMAP:30107				├	lamina propria of fundus
EMAP:30114				├	lamina propria of trigone
EMAP:30121				└	lamina propria of neck
EMAP:28624				├	muscularis mucosa of bladder
EMAP:28630				├	muscularis mucosa of fundus
EMAP:28636				├	muscularis mucosa of trigone
EMAP:30142				└	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				└	serosa of neck
EMAP:28830				├	adventitia of bladder
EMAP:28835				├	adventitia of fundus
EMAP:28840				├	adventitia of trigone
EMAP:30148				└	adventitia of neck
EMAP:28684				├	vasculature of bladder (syn: blood vessel of bladder)
EMAP:31658				└	nerve of bladder
EMAP:12251				└	urachus
EMAP:28752				├	urethra of female
EMAP:28758				├	pelvic urethra of female
EMAP:28764				├	urothelium of pelvic urethra of female
EMAP:32349				├	urothelium of dorsal pelvic urethra of female
EMAP:32356				├	superficial cell layer of dorsal pelvic urethra of female
EMAP:32518				├	intermediate cell layer of dorsal pelvic urethra of female
EMAP:32362				└	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				└	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 female; 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				├	mesenchymal layer of ventral pelvic urethra of female
EMAP:32536				├	lamina propria of ventral pelvic urethra of female (syn: peri-epithelial mesenchymal layer of ventral pelvic urethra of female; sub-epithelial mesenchymal layer of ventral pelvic urethra of female)
EMAP:32532				├	muscularis mucosa of ventral pelvic urethra of female
EMAP:32528				└	submucosa of ventral pelvic urethra of female
EMAP:32441				└	mesenchymal pad of pelvic urethra of female

EMAP:28776						muscle layer of pelvic urethra of female
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						lamina propria of dorsal pelvic urethra of male (syn: peri-epithelial mesenchymal layer of dorsal pelvic urethra of male; sub-epithelial mesenchymal layer of dorsal pelvic urethra of male)
EMAP:32544						muscularis mucosa of dorsal pelvic urethra of male
EMAP:32469					└─	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 ventral pelvic urethra of male; 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					└─	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					└─	peritubular myoid cell
EMAP:11173					└─	mediastinum testis
EMAP:29121					└─	developing vasculature of the testis
EMAP:29129						coelomic vessel
EMAP:29137					└─	interstitial vessel
EMAP:13165					└─	tunica albuginea of testis
EMAP:31242					└─	surface epithelium of testis
EMAP:29306					└─	cystic vesicular appendage
EMAP:26917					└─	inguinal canal
EMAP:29309					└─	inguinal ring
EMAP:29312					└─	external inguinal ring
EMAP:29315					└─	internal 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					└─	vasculature of seminal vesicle
EMAP:12307					└─	efferent duct of seminal vesicle (syn: vasa efferentia)
EMAP:13166					└─	epididymis

EMAP:29037					- muscular layer (syn: myometrium)
EMAP:31212					- developing vasculature of uterine horn
EMAP:30678					└ outer layer of uterine horn
EMAP:12296					- vagina
EMAP:12314					- 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					└ 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					└ 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				visceral 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				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				renal connecting tubule of maturing nephron
EMAP:31792	G			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				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:28505	G			early tubule
EMAP:27834				renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31698				renal connecting segment of renal vesicle
EMAP:31729				distal renal vesicle
EMAP:31723				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				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				proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27900				visceral epithelium of s-shaped body
EMAP:27906				parietal epithelium of s-shaped body
EMAP:28511	G			developing capillary loop stage nephron GROUP (syn: stage III nephron)
EMAP:27912				capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27930				associated interstitium of renal corpuscle
EMAP:27924				parietal epithelium
EMAP:27942				presumptive endothelium of renal corpuscle
EMAP:27936				presumptive mesangium
EMAP:27918				visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:12276				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				early proximal tubule of maturing nephron
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				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				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:31823						cortical renal tubule of capillary loop nephron GROUP
EMAP:31286						anlage of loop of Henle (syn: primitive loop of Henle)
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EMAP:31635						renal connecting tubule of mature nephron
EMAP:28289						renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28490	G					maturing nephron (syn: stage IV nephron)
EMAP:27948						maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27954						maturing glomerular tuft (syn: maturing glomerulus)
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						parietal epithelium
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						afferent arteriole
EMAP:28235						efferent arteriole
EMAP:12276						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)
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EMAP:31635						renal connecting tubule of mature nephron
EMAP:31823						cortical renal tubule of capillary loop nephron GROUP
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EMAP:28289						renal proximal convoluted tubule (syn: first convoluted tubule)

EMAP:12269	G							early nephron GROUP
EMAP:12276								└ 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								└ early proximal tubule of maturing nephron
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
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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: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								└ renal connecting tubule of capillary loop nephron
EMAP:31817								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								└ renal 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								└ premacula segment of distal straight tubule
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								└ renal connecting segment of renal vesicle
EMAP:31729								└ distal renal vesicle
EMAP:31723								└ 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								└ 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								└ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27900								└ visceral epithelium of s-shaped body
EMAP:27906								└ parietal epithelium of s-shaped body
EMAP:27912								capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27930								└ associated interstitium of renal corpuscle
EMAP:27924								└ parietal epithelium
EMAP:27942								└ presumptive endothelium of renal corpuscle
EMAP:27936								└ presumptive mesangium
EMAP:27918								└ visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27948								maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:27954								└ maturing glomerular tuft (syn: maturing glomerulus)
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								└ parietal epithelium
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								└ afferent arteriole
EMAP:28235								└ efferent arteriole

EMAP:28238					└ mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28241					└├ glomerular tuft (syn: glomerulus)
EMAP:28247					└├├ glomerular capillary system
EMAP:28250					└├├ glomerular mesangium
EMAP:28253					└├├ glomerular basement membrane
EMAP:28256					└├├└ visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28259					└├ Bowman's capsule (syn: glomerular capsule)
EMAP:28262					└├├ parietal epithelium
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					└├ extraglomerular mesangium
EMAP:28493					└ mature nephron
EMAP:12276					└├ 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					└├├├├└ early proximal tubule of maturing nephron
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					└├├├├└ 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					└├├├├ 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: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					└├├├└ renal connecting tubule of capillary loop nephron
EMAP:31817					└├ 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					└├├└ renal 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					└├├├ premacula segment of distal straight tubule
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: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					└├├└ premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:28354					└├ 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:28238					└ mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:28241					└├ glomerular tuft (syn: glomerulus)
EMAP:28247					└├├ glomerular capillary system
EMAP:28250					└├├ glomerular mesangium
EMAP:28253					└├├ glomerular basement membrane
EMAP:28256					└├├└ visceral epithelium of mature renal corpuscle (syn: podocyte layer)
EMAP:28259					└├ Bowman's capsule (syn: glomerular capsule)
EMAP:28262					└├├ parietal epithelium
EMAP:28265					└├├└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:28268					└├ afferent arteriole

EMAP:31197				└─ developing vasculature of cauda epididymis
EMAP:30981	G		└─	└─ male external genitalia
EMAP:12301			└─	└─ penis (syn: genital tubercle of male)
EMAP:12302			└─	└─ └─ glans penis
EMAP:30648			└─	└─ └─ surface epithelium of glans penis
EMAP:30644			└─	└─ └─ └─ 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			└─	└─ 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		└─	└─ └─ 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			└─	└─ └─ muscular layer of upper part of vagina
EMAP:31232	G		└─	└─ developing vasculature of vagina
EMAP:31227			└─	└─ └─ developing vasculature of lower part of vagina
EMAP:31222			└─	└─ └─ developing vasculature of upper part of vagina
EMAP:30988	G		└─	└─ female external genitalia
EMAP:12279			└─	└─ genital tubercle of female
EMAP:12987			└─	└─ glans clitoris
EMAP:30722			└─	└─ └─ surface epithelium of glans clitoris
EMAP:30717			└─	└─ └─ 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: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
EMAP:29137			└─	└─ interstitial vessel
EMAP:31466	G		└─	└─ large blood vessels
EMAP:28217			└─	└─ arcuate artery
EMAP:28223			└─	└─ arcuate vein
EMAP:28214			└─	└─ interlobular artery
EMAP:28220			└─	└─ interlobular vein
EMAP:11468			└─	└─ renal artery
EMAP:13093			└─	└─ renal vein