

KEY:

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

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
EMAP:27906	└ parietal epithelium
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 (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 (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 (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

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EMAP:28088				└─ perihilar interstitium
EMAP:31364				└─ perihilar fibroblast
EMAP:31370				└─ resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar interstitium)
EMAP:31376				└─ rest of perihilar interstitium
EMAP:28375				└─ renal artery
EMAP:29980				└─ endothelial layer of renal artery
EMAP:30001				└─ endothelium of renal artery
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 (syn: transitional epithelium)
EMAP:28594				└─ superficial cellular layer (syn: umbrella cell)
EMAP:28106				└─ deep cellular layer (syn: basal urothelium)
EMAP:28805				└─ intermediate cell layer
EMAP:28810				└─ basal cell layer
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				└─ epithelium of bladder (syn: urothelium)
EMAP:28612				└─ epithelium of fundus
EMAP:28618				└─ epithelium of trigone
EMAP:30086				└─ epithelium of neck
EMAP:30093				└─ lamina propria of the 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: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				└─ blood vessels of bladder
EMAP:31658				└─ nerve of bladder
EMAP:12251				└─ urachus
EMAP:28752				└─ urethra of female
EMAP:28758				└─ pelvic urethra of female
EMAP:28764				└─ epithelial layer of pelvic urethra of female
EMAP:28770				└─ mesenchymal layer of pelvic urethra of female
EMAP:28776				└─ muscle layer of pelvic urethra of female
EMAP:31798				└─ nerve of pelvic urethra of female
EMAP:30921				└─ phallic urethra of female (syn: external urethra of female)
EMAP:30932				└─ epithelial layer 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				└─ epithelial layer of pelvic urethra of male
EMAP:28708				└─ mesenchymal layer of pelvic urethra of male
EMAP:28714				└─ muscle layer of pelvic urethra of male
EMAP:31788				└─ nerve of pelvic urethra of male
EMAP:28720				└─ phallic urethra of male (syn: external urethra of male)
EMAP:28855				└─ epithelial layer of phallic urethra of male
EMAP:28858				└─ mesenchymal layer of phallic urethra of male

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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: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					└	pre-granulosa cell
EMAP:29018					└	medullary component of mesenchymal stroma
EMAP:31032					└	meiotic oocytes
EMAP:28895					└	developing vasculature of ovary
EMAP:12288					└	rete ovarii of ovary
EMAP:12282					└	mesovarium
EMAP:12285					└	cystic vesicular appendage
EMAP:12721					└	suspensory ligament of ovary
EMAP:12278					└	Müllerian 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)
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
EMAP:29060					└	epithelial 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:29057					└	muscular layer of upper part of vagina
EMAP:31222					└	developing vasculature of upper part of vagina
EMAP:12279					└	genital tubercle of female (syn: clitoris anlage)
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						└ 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)

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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 (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)
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
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
EMAP:31635						└ renal connecting tubule of mature nephron
EMAP:28289						└ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:28532	G					└ late tubule
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 (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 (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

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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 (syn: clitoris anlage)
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