

TS21 urinary and reproductive systems (13dpc)

EMAP:25786	mouse	
EMAP:4908		└ organ system
EMAP:4909		└ visceral organ
EMAP:5500		└ urinary system
EMAP:5502		└ mesentery
EMAP:29611		└ rest of mesentery
EMAP:5503		└ urogenital mesentery
EMAP:5504		└ metanephros (syn: kidney)
EMAP:27715		└ renal capsule
EMAP:27722		└ nephrogenic zone
EMAP:5512		└ nephrogenic interstitium (syn: peripheral blastema)
EMAP:27736		└ cap mesenchyme (syn: condensed mesenchyme)
EMAP:27743		└ pretubular aggregate (syn: pretubular condensate)
EMAP:27750		└ ureteric tip (syn: ureteric ampulla)
EMAP:31046		└ ureteric tree terminal branch excluding tip itself
EMAP:27680		└ renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31701		└ renal connecting segment of renal vesicle
EMAP:31837		└ distal renal vesicle
EMAP:31732		└ proximal renal vesicle
EMAP:27683		└ comma-shaped body
EMAP:27686		└ upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27689		└ lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31718		└ renal connecting segment of comma-shaped body
EMAP:27757		└ s-shaped body (syn: stage II nephron)
EMAP:27759		└ renal connecting tubule of s-shaped body
EMAP:27761		└ distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27763		└ medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:27765		└ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27767		└ visceral epithelium of s-shaped body
EMAP:27769		└ parietal epithelium of s-shaped body
EMAP:27771		└ capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27777		└ associated interstitium
EMAP:27775		└ parietal epithelium
EMAP:27781		└ presumptive endothelium of renal corpuscle
EMAP:27779		└ presumptive mesangium
EMAP:27773		└ visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27783		└ renal tubule (syn: renal tubule of capillary loop nephron)
EMAP:27785		└ early proximal tubule (syn: early proximal tubule of capillary loop nephron)
EMAP:27787		└ anlage of loop of Henle
EMAP:27789		└ early distal tubule (syn: early distal tubule of capillary loop nephron)
EMAP:27791		└ renal connecting tubule (syn: renal connecting tubule of capillary loop nephron)
EMAP:27793		└ renal interstitium
EMAP:31280		└ renal fibroblasts
EMAP:31275		└ resident macrophages (syn: renal monocytes)
EMAP:31272		└ nephrogenic interstitium (syn: peripheral blastema)
EMAP:31278		└ rest of renal interstitium
EMAP:27796		└ developing vasculature of metanephros
EMAP:28406		└ ureteric trunk (syn: ureteric stalk)
EMAP:5507		└ pelvis
EMAP:28379		└ renal artery
EMAP:29996		└ endothelium of renal artery
EMAP:30004		└ smooth muscle layer of renal artery
EMAP:28383		└ renal vein
EMAP:30012		└ endothelium of renal vein
EMAP:30020		└ smooth muscle layer of renal vein
EMAP:5509		└ ureter
EMAP:28585		└ urothelium of ureter (syn: transitional epithelium)
EMAP:28589		└ superficial cell layer of ureter (syn: umbrella cell)
EMAP:32557		└ intermediate cell layer of ureter
EMAP:32559		└ basal cell layer of ureter
EMAP:28557		└ ureteral mesenchyme
EMAP:28563		└ subepithelial layer (syn: presumptive lamina propria)
EMAP:28568		└ middle layer (syn: presumptive ureteral smooth muscle layer)
EMAP:28571		└ outer layer (syn: presumptive adventitia)
EMAP:30852		└ ureteral vasculature
EMAP:28549		└ allantois
EMAP:5517		└ urogenital sinus
EMAP:31674		└ developing vasculature of urogenital sinus

EMAP: 31676								└	nerves of urogenital sinus
EMAP: 31662								└	└ pelvic ganglion
EMAP: 31664								└	└└ nerve of urogenital sinus
EMAP: 30872								└	primitive bladder (syn: cranial urogenital sinus)
EMAP: 30875								└	└ epithelial layer of primitive bladder
EMAP: 30878								└	└ mesenchymal layer of primitive bladder
EMAP: 31666									└└ mesenchymal layer of dorsal primitive bladder
EMAP: 31653									└└ mesenchymal layer of ventral primitive bladder
EMAP: 31693								└	└ developing vasculature of primitive bladder
EMAP: 30892								└	└ urethra
EMAP: 30894								└	└ pelvic urethra
EMAP: 31826									└└ mesenchyme of pelvic urethra
EMAP: 31825									└└└ dorsal mesenchyme of pelvic urethra
EMAP: 31765									└└└ ventral mesenchyme of pelvic urethra
EMAP: 31758									└└ nerve of pelvic urethra
EMAP: 30896								└	caudal urethra
EMAP: 31757									└└ nerve of caudal urethra
EMAP: 30898								└	urethral plate
EMAP: 30900								└	└ urethral fold
EMAP: 5521								└	urorectal septum
EMAP: 5516								└	└ urogenital membrane
EMAP: 5522								└	reproductive system
EMAP: 5532								└	male reproductive system
EMAP: 29140								└	mesonephros of male
EMAP: 5534								└	└ nephric duct of male, mesonephric portion (syn: mesonephric duct of male; mesonephric portion;
Wolffian duct of male)									
EMAP: 29145								└	mesonephric mesenchyme of male
EMAP: 29150								└	mesonephric tubule of male
EMAP: 30530								└	└ cranial mesonephric tubule of male
EMAP: 30534									└└ mesonephric glomerulus of male
EMAP: 30538									└└ rest of cranial mesonephric tubule of male
EMAP: 30542									└└ caudal mesonephric tubule of male
EMAP: 29160								└	paramesonephric duct of male, mesonephric portion (syn: mesonephric portion of male; Mullerian
duct of male)									
EMAP: 30462								└	coelomic epithelium of male mesonephros
EMAP: 31685								└	└ developing vasculature of male mesonephros
EMAP: 29186								└	paramesonephric duct of male, rest of
EMAP: 29188								└	└ epithelium of rest of paramesonephric duct of male
EMAP: 29190								└	└ mesenchyme of rest of paramesonephric duct of male
EMAP: 29174								└	nephric duct of male, rest of (syn: mesonephric duct; rest of)
EMAP: 29182								└	└ epithelium of rest of nephric duct of male
EMAP: 29178								└	└ mesenchyme of rest of nephric duct of male
EMAP: 5536								└	testis
EMAP: 5537								└	└ coelomic epithelium of testis
EMAP: 29191								└	└ rete testis
EMAP: 29076								└	└ interstitium of the testis (syn: interstitial tissue)
EMAP: 29084								└	└ fetal Leydig cell
EMAP: 29092									└└ rest of interstitium of the testis (syn: non-specific mesenchyme)
EMAP: 29116								└	developing vasculature of the testis
EMAP: 29124								└	└ coelomic vessel
EMAP: 29132								└	└ interstitial vessel
EMAP: 29100								└	└ primary sex cord
EMAP: 29108									└└ Sertoli cell
EMAP: 5539									└└ germ cell of the testis
EMAP: 29112									└└ peritubular myoid cell
EMAP: 5535								└	mesorchium
EMAP: 5533								└	└ genital tubercle of male (syn: penis anlage)
EMAP: 30469								└	└ urethral epithelium of male (syn: urethral plate; urethral seam)
EMAP: 31599									└└ distal urethral epithelium of male
EMAP: 31602									└└ proximal urethral epithelium of male
EMAP: 31594									└└ urethral opening of male
EMAP: 31853								└	distal genital tubercle of male (syn: glans of male)
EMAP: 31854									└└ surface epithelium of distal genital tubercle of male
EMAP: 31852									└└ mesenchyme of distal genital tubercle of male
EMAP: 31592								└	proximal genital tubercle of male
EMAP: 31586									└└ surface epithelium of proximal genital tubercle of male
EMAP: 31584									└└ mesenchyme of proximal genital tubercle of male
EMAP: 30483								└	preputial swelling of male (syn: prepuce of male)
EMAP: 31850								└	└ surface epithelium of male preputial swelling
EMAP: 31851								└	└ preputial gland of male
EMAP: 31849									└└ mesenchyme of male preputial swelling
EMAP: 31607								└	└ developing vasculature of male genital tubercle
EMAP: 5523								└	female reproductive system

EMAP:28911			mesonephros of female
EMAP:28916			└ mesonephric mesenchyme of female mesonephros
EMAP:28921			└ mesonephric tubule of female
EMAP:30546			└└ cranial mesonephric tubule of female
EMAP:30549			└└└ mesonephric glomerulus of female
EMAP:30552			└└└ rest of cranial mesonephric tubule of female
EMAP:30555			└└└ caudal mesonephric tubule of female
EMAP:28926			└ nephric duct of female, mesonephric portion (syn: mesonephric duct of female; mesonephric portion;
Wolffian duct of female)			
EMAP:28939			└ paramesonephric duct of female, mesonephric portion (syn: Mullerian duct of female)
EMAP:28931			└ rete ovarii of mesonephros
EMAP:28936			└ coelomic epithelium of female mesonephros
EMAP:31689			└ developing vasculature of female mesonephros
EMAP:28942			└ paramesonephric duct of female, rest of (syn: Mullerian duct of female; rest of)
EMAP:28958			└ epithelium of rest of paramesonephric duct of female
EMAP:28962			└└ mesenchyme of rest of paramesonephric duct of female
EMAP:28946			└ nephric duct of female, rest of (syn: mesonephric duct of female; rest of)
EMAP:28950			└ epithelium of rest of nephric duct of female
EMAP:28954			└└ mesenchyme of rest of nephric duct of female
EMAP:5526			└ ovary
EMAP:5527			└ surface epithelium of ovary (syn: coelomic epithelium)
EMAP:5528			└ mesenchymal stroma of ovary
EMAP:5529			└ germ cell of ovary (syn: oogonia; premeiotic germ cell)
EMAP:28972			└└ premeiotic germ cell (syn: oogonia)
EMAP:28967			└└ meiotic germ cell (syn: oocyte)
EMAP:28890			└ developing vasculature of ovary
EMAP:5530			└└ rete ovarii of ovary
EMAP:5525			└ mesovarium
EMAP:29619			└ genital tubercle of female
EMAP:30472			└ urethral epithelium of female (syn: urethral plate; urethral seam)
EMAP:31681			└└ distal urethral epithelium of female
EMAP:31667			└└ proximal urethral epithelium of female
EMAP:31670			└└└ urethral opening of female
EMAP:30480			└ preputial swelling of female (syn: prepuce of female)
EMAP:31843			└ surface epithelium of female preputial swelling
EMAP:31842			└ preputial gland of female
EMAP:31841			└└ mesenchyme of female preputial swelling
EMAP:31838			└ distal genital tubercle of female (syn: glans of female)
EMAP:31840			└ surface epithelium of distal genital tubercle of female
EMAP:31839			└└ mesenchyme of distal genital tubercle of female
EMAP:31597			└ proximal genital tubercle of female
EMAP:31679			└ surface epithelium of proximal genital tubercle of female
EMAP:31677			└└ mesenchyme of proximal genital tubercle of female
EMAP:31589			└ developing vasculature of female genital tubercle

TS21 Groups

'G' : Term is a group.

EMAP:25786	mouse			
EMAP:4908				└ organ system
EMAP:4909				└└ visceral organ
EMAP:5500				└└└ urinary system
EMAP:5504				└└└└ metanephros (syn: kidney)
EMAP:5513	G			└└└└ early nephron GROUP
EMAP:27680				└└└└└ renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31701				└└└└└└ renal connecting segment of renal vesicle
EMAP:31837				└└└└└└ distal renal vesicle
EMAP:31732				└└└└└└ proximal renal vesicle
EMAP:27683				└└└└└ comma-shaped body
EMAP:27686				└└└└└└ upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:27689				└└└└└└ lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31718				└└└└└└ renal connecting segment of comma-shaped body
EMAP:27757				└└└└└ s-shaped body (syn: stage II nephron)
EMAP:27759				└└└└└└ renal connecting tubule of s-shaped body
EMAP:27761				└└└└└└ distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:27763				└└└└└└ medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:27765				└└└└└└ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:27767				└└└└└└ visceral epithelium of s-shaped body

EMAP:27769					└─┬	parietal epithelium of s-shaped body
EMAP:27771					└─┬	capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:27777					└─┬	associated interstitium
EMAP:27775					└─┬	parietal epithelium
EMAP:27781					└─┬	presumptive endothelium of renal corpuscle
EMAP:27779					└─┬	presumptive mesangium
EMAP:27773					└─┬	visceral epithelium of capillary loop renal corpuscle (syn: podocyte layer)
EMAP:27783					└─┬	renal tubule (syn: renal tubule of capillary loop nephron)
EMAP:27785					└─┬	early proximal tubule (syn: early proximal tubule of capillary loop nephron)
EMAP:27787					└─┬	anlage of loop of Henle
EMAP:27789					└─┬	early distal tubule (syn: early distal tubule of capillary loop nephron)
EMAP:27791					└─┬	renal connecting tubule (syn: renal connecting tubule of capillary loop nephron)
EMAP:5508 G					└─┬	primitive collecting duct group
EMAP:27750					└─┬	ureteric tip (syn: ureteric ampulla)
EMAP:28406					└─┬	ureteric trunk (syn: ureteric stalk)
EMAP:31855 G					└─┬	renal interstitium group
EMAP:5512					└─┬	nephrogenic interstitium (syn: peripheral blastema)
EMAP:27793					└─┬	renal interstitium
EMAP:31280					└─┬	renal fibroblasts
EMAP:31275					└─┬	resident macrophages (syn: renal monocytes)
EMAP:31272					└─┬	nephrogenic interstitium (syn: peripheral blastema)
EMAP:31278					└─┬	rest of renal interstitium
EMAP:31767 G					└─┬	nephrogenic zone GROUP
EMAP:31272					└─┬	nephrogenic interstitium (syn: peripheral blastema)
EMAP:31769 G					└─┬	developing vasculature of urinary system GROUP
EMAP:27796					└─┬	developing vasculature of metanephros
EMAP:31693					└─┬	developing vasculature of primitive bladder
EMAP:31674					└─┬	developing vasculature of urogenital sinus
EMAP:28458					└─┬	renal vasculature
EMAP:27781					└─┬	presumptive endothelium of renal corpuscle
EMAP:28379					└─┬	renal artery
EMAP:29996					└─┬	endothelium of renal artery
EMAP:30004					└─┬	smooth muscle layer of renal artery
EMAP:28383					└─┬	renal vein
EMAP:30012					└─┬	endothelium of renal vein
EMAP:30020					└─┬	smooth muscle layer of renal vein
EMAP:27796					└─┬	developing vasculature of metanephros
EMAP:30852					└─┬	ureteral vasculature
EMAP:28458 G					└─┬	renal vasculature
EMAP:27781					└─┬	presumptive endothelium of renal corpuscle
EMAP:28379					└─┬	renal artery
EMAP:29996					└─┬	endothelium of renal artery
EMAP:30004					└─┬	smooth muscle layer of renal artery
EMAP:28383					└─┬	renal vein
EMAP:30012					└─┬	endothelium of renal vein
EMAP:30020					└─┬	smooth muscle layer of renal vein
EMAP:27796					└─┬	developing vasculature of metanephros
EMAP:5522					└─┬	reproductive system
EMAP:5532					└─┬	male reproductive system
EMAP:5523					└─┬	female reproductive system
EMAP:5526					└─┬	ovary
EMAP:31778 G					└─┬	developing vasculature of reproductive system GROUP
EMAP:31589					└─┬	developing vasculature of female genital tubercle
EMAP:31689					└─┬	developing vasculature of female mesonephros
EMAP:31607					└─┬	developing vasculature of male genital tubercle
EMAP:31685					└─┬	developing vasculature of male mesonephros
EMAP:28890					└─┬	developing vasculature of ovary
EMAP:29116					└─┬	developing vasculature of the testis
EMAP:29124					└─┬	coelomic vessel
EMAP:29132					└─┬	interstitial vessel