

Pathologist major category

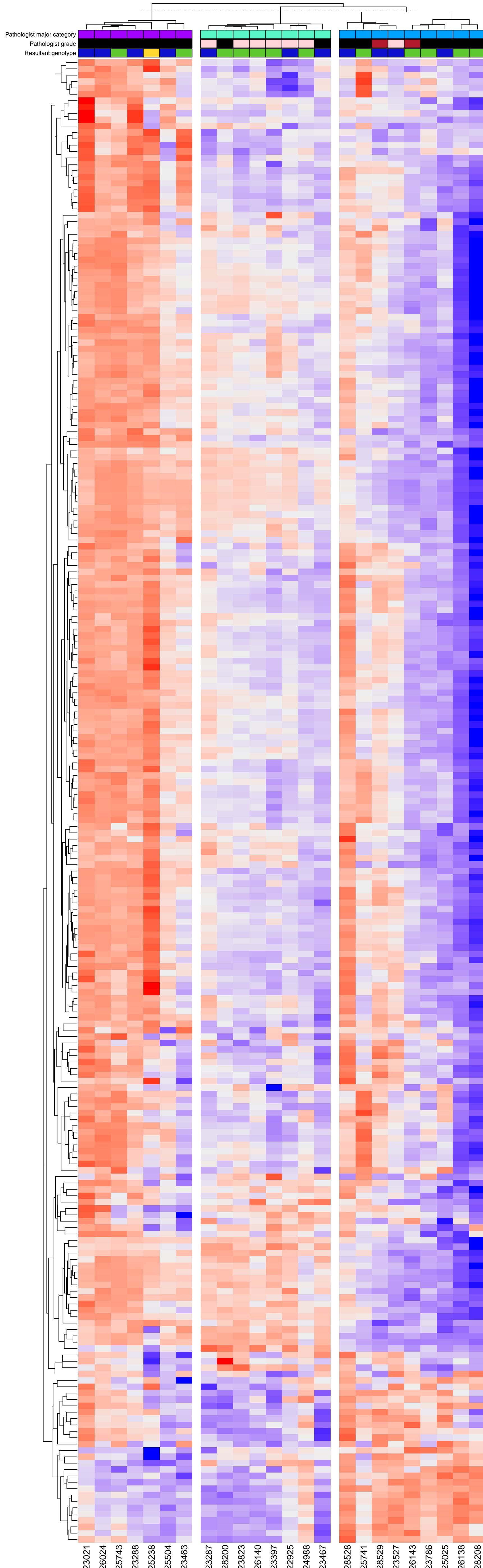
- Nerve sheath tumors
- Spindle and epithelioid tumors
- Gliomas

Pathologist grade

- 2
- 3
- 4

Resultant genotype

- nf1 KO; pten KO; ink KO; atrx KO
- nf1 KO; pten KO; ink KO; atrx wt
- nf1 wt; pten KO; ink KO; atrx KO



TABULA MURIS SENIS MARROW ERYTHROBLAST AGEING
TABULA MURIS SENIS TRACHEA BASAL EPITHELIAL CELL OF TRACHEOBRONCHIAL TREE AGEING
DESCARTES ORGANOGENESIS PRIMITIVE ERYTHROID LINEAGE
TABULA MURIS SENIS THYMUS THYMOCYTE AGEING
TABULA MURIS SENIS TONGUE BASAL CELL OF EPIDERMIS AGEING
TABULA MURIS SENIS SPLEEN MEGAKARYOCYTE ERYTHROID PROGENITOR CELL AGEING
TABULA MURIS SENIS HEART VENTRICULAR MYOCYTE AGEING
TABULA MURIS SENIS HEART AND AORTA CARDIOMYOCYTE AGEING
DESCARTES ORGANOGENESIS CARDIAC MUSCLE LINEAGES
DESCARTES ORGANOGENESIS MYOCYTES
DESCARTES ORGANOGENESIS DEFINITIVE ERYTHROID LINEAGE
TABULA MURIS SENIS SPLEEN PLASMA CELL AGEING
TABULA MURIS SENIS SPLEEN MACROPHAGE DENDRITIC CELL PROGENITOR AGEING
DESCARTES ORGANOGENESIS NEUTROPHILS
TABULA MURIS SENIS MARROW BASOPHIL AGEING
TABULA MURIS SENIS LUNG NEUTROPHIL AGEING
TABULA MURIS SENIS DIAPHRAGM MACROPHAGE AGEING
TABULA MURIS SENIS MARROW MEGAKARYOCYTE ERYTHROID PROGENITOR CELL AGEING
TABULA MURIS SENIS MARROW PRECURSOR B CELL AGEING
TABULA MURIS SENIS MARROW GRANULOCYTE AGEING
TABULA MURIS SENIS MARROW NAIVE T CELL AGEING
TABULA MURIS SENIS MARROW MONOCYTE AGEING
TABULA MURIS SENIS MARROW GRANULOCYTOPOIETIC CELL AGEING
TABULA MURIS SENIS MARROW PROERYTHROBLAST AGEING
TABULA MURIS SENIS HEART AND AORTA SMOOTH MUSCLE CELL AGEING
TABULA MURIS SENIS LUNG TYPE II PNEUMOCYTE AGEING
TABULA MURIS SENIS HEART ENDOCARDIAL CELL AGEING
TABULA MURIS SENIS TRACHEA T CELL AGEING
TABULA MURIS SENIS LUNG ADVENTITIAL CELL AGEING
TABULA MURIS SENIS BRAIN NON MYELOID ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS DIAPHRAGM MESENCHYMAL STEM CELL AGEING
TABULA MURIS SENIS SKIN BULGE KERATINOCYTE AGEING
TABULA MURIS SENIS BRAIN NON MYELOID BRAIN PERICYTE AGEING
TABULA MURIS SENIS SKIN EPIDERMAL CELL AGEING
TABULA MURIS SENIS BROWN ADIPOSE TISSUE ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS GONADAL ADIPOSE TISSUE ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS BROWN ADIPOSE TISSUE MESENCHYMAL STEM CELL OF ADIPOSE AGEING
TABULA MURIS SENIS MAMMARY GLAND ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS TRACHEA ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS KIDNEY KIDNEY COLLECTING DUCT PRINCIPAL CELL AGEING
TABULA MURIS SENIS MAMMARY GLAND LUMINAL EPITHELIAL CELL OF MAMMARY GLAND AGEING
TABULA MURIS SENIS BLADDER ENDOTHELIAL CELL AGEING
ZHANG UTERUS C1 REGENERATIVE UP
TABULA MURIS SENIS AORTA AORTIC ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS HEART AND AORTA ENDOTHELIAL CELL OF CORONARY ARTERY AGEING
TABULA MURIS SENIS LIMB MUSCLE SKELETAL MUSCLE SATELLITE CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE MESENCHYMAL STEM CELL AGEING
TABULA MURIS SENIS BLADDER BLADDER CELL AGEING
TABULA MURIS SENIS BROWN ADIPOSE TISSUE B CELL AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE B CELL AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE MACROPHAGE AGEING
TABULA MURIS SENIS SUBCUTANEOUS ADIPOSE TISSUE B CELL AGEING
TABULA MURIS SENIS HEART FIBROBLAST OF CARDIAC TISSUE AGEING
TABULA MURIS SENIS LUNG FIBROBLAST OF LUNG AGEING
TABULA MURIS SENIS PANCREAS PANCREATIC DUCTAL CELL AGEING
TABULA MURIS SENIS HEART ENDOTHELIAL CELL OF CORONARY ARTERY AGEING
ZHANG UTERUS C11 SMOOTH MUSCLE CELL
TABULA MURIS SENIS LUNG ENDOTHELIAL CELL OF LYMPHATIC VESSEL AGEING
TABULA MURIS SENIS LUNG SMOOTH MUSCLE CELL OF THE PULMONARY ARTERY AGEING
TABULA MURIS SENIS TRACHEA SMOOTH MUSCLE CELL OF TRACHEA AGEING
TABULA MURIS SENIS BRAIN MYELOID MACROPHAGE AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE MESENCHYMAL STEM CELL OF ADIPOSE AGEING
TABULA MURIS SENIS AORTA FIBROBLAST OF CARDIAC TISSUE AGEING
ZHANG UTERUS C3 PROLIFERATIVE STROMAL1 STROCXCL14 HIGH CELL
ZHANG UTERUS C2 SECRETORY STROMAL3 RAMPS HIGH CELL
ZHANG UTERUS C1 PROLIFERATIVE STROMAL1 MGP HIGH CELL
ZHANG UTERUS C3 SECRETORY STROMAL3 NPFC HIGH CELL
ZHANG UTERUS C4 MYOFIBROBLAST
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS SUBCUTANEOUS ADIPOSE TISSUE ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS SUBCUTANEOUS ADIPOSE TISSUE MESENCHYMAL STEM CELL OF ADIPOSE AGEING
TABULA MURIS SENIS TRACHEA FIBROBLAST AGEING
DESCARTES ORGANOGENESIS OSTEOBLASTS
TABULA MURIS SENIS DIAPHRAGM ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS BROWN ADIPOSE TISSUE T CELL AGEING
TABULA MURIS SENIS MARROW MATURE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS PANCREAS LEUKOCYTE AGEING
TABULA MURIS SENIS LUNG PULMONARY INTERSTITIAL FIBROBLAST AGEING
TABULA MURIS SENIS LIVER MATURE NK T CELL AGEING
DESCARTES ORGANOGENESIS WHITE BLOOD CELLS
ZHANG UTERUS C5 MACROPHAGE
ZHANG UTERUS C12 MONOCYTE
TABULA MURIS SENIS HEART MONOCYTE AGEING
TABULA MURIS SENIS BRAIN MYELOID MICROGLIAL CELL AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE CD4 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE CD8 POSITIVE ALPHA BETA T CELL AGEING
ZHANG UTERUS C8 NK CELL
TABULA MURIS SENIS SPLEEN B CELL AGEING
TABULA MURIS SENIS SPLEEN T CELL AGEING
TABULA MURIS SENIS THYMUS DM THYMOCYTE AGEING
TABULA MURIS SENIS LUNG NON CLASSICAL MONOCYTE AGEING
TABULA MURIS SENIS MARROW HEMATOPOIETIC PRECURSOR CELL AGEING
TABULA MURIS SENIS SPLEEN MATURE NK T CELL AGEING
TABULA MURIS SENIS MAMMARY GLAND B CELL AGEING
TABULA MURIS SENIS KIDNEY MACROPHAGE AGEING
TABULA MURIS SENIS SPLEEN MACROPHAGE AGEING
TABULA MURIS SENIS GONADAL ADIPOSE TISSUE B CELL AGEING
TABULA MURIS SENIS GONADAL ADIPOSE TISSUE MESENCHYMAL STEM CELL OF ADIPOSE AGEING
TABULA MURIS SENIS LUNG B CELL AGEING
TABULA MURIS SENIS AORTA PROFESSIONAL ANTIGEN PRESENTING CELL AGEING
TABULA MURIS SENIS LUNG CD4 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS LUNG BRONCHIAL SMOOTH MUSCLE CELL AGEING
TABULA MURIS SENIS BROWN ADIPOSE TISSUE MYELOID CELL AGEING
TABULA MURIS SENIS LUNG ALVEOLAR MACROPHAGE AGEING
TABULA MURIS SENIS MAMMARY GLAND MACROPHAGE AGEING
TABULA MURIS SENIS LIVER ENDOTHELIAL CELL OF HEPATIC SINUSOID AGEING
TABULA MURIS SENIS SPLEEN GRANULOCYTE AGEING
TABULA MURIS SENIS MARROW MACROPHAGE AGEING
TABULA MURIS SENIS MARROW HEMATOPOIETIC STEM CELL AGEING
TABULA MURIS SENIS MARROW GRANULOCYTE MONOCYTE PROGENITOR CELL AGEING
TABULA MURIS SENIS TRACHEA MACROPHAGE AGEING
TABULA MURIS SENIS MARROW LATE PRO B CELL AGEING
TABULA MURIS SENIS MARROW IMMATURE B CELL AGEING
TABULA MURIS SENIS MARROW NAIVE B CELL AGEING
TABULA MURIS SENIS LUNG INTERMEDIATE MONOCYTE AGEING
TABULA MURIS SENIS MARROW NK CELL AGEING
TABULA MURIS SENIS GONADAL ADIPOSE TISSUE T CELL AGEING
TABULA MURIS SENIS LUNG CD8 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS LUNG MYELOID DENDRITIC CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE SMOOTH MUSCLE CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS LUNG NK CELL AGEING
TABULA MURIS SENIS KIDNEY FIBROBLAST AGEING
TABULA MURIS SENIS MARROW CD4 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS SUBCUTANEOUS ADIPOSE TISSUE MYELOID CELL AGEING
TABULA MURIS SENIS HEART AND AORTA LEUKOCYTE AGEING
ZHANG UTERUS C9 DENDRITIC CELL
TABULA MURIS SENIS LIVER MYELOID LEUKOCYTE AGEING
TABULA MURIS SENIS KIDNEY T CELL AGEING
TABULA MURIS SENIS SPLEEN CD4 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE T CELL AGEING
TABULA MURIS SENIS SPLEEN CD8 POSITIVE ALPHA BETA T CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE B CELL AGEING
TABULA MURIS SENIS MAMMARY GLAND T CELL AGEING
TABULA MURIS SENIS LIVER NK CELL AGEING
TABULA MURIS SENIS MARROW PRONOCYTE AGEING
ZHANG UTERUS C10 STROMAL2 RETN HIGH CELL
TABULA MURIS SENIS BLADDER LEUKOCYTE AGEING
ZHANG UTERUS C15 B CELL
TABULA MURIS SENIS THYMUS PROFESSIONAL ANTIGEN PRESENTING CELL AGEING
TABULA MURIS SENIS TONGUE LANGERHANS CELL AGEING
TABULA MURIS SENIS SPLEEN NK CELL AGEING
TABULA MURIS SENIS KIDNEY KIDNEY MESANGIAL CELL AGEING
TABULA MURIS SENIS KIDNEY KIDNEY CORTX ARTERY CELL AGEING
TABULA MURIS SENIS KIDNEY FENESTRATED CELL AGEING
TABULA MURIS SENIS HEART AND AORTA ENDOCARDIAL CELL AGEING
TABULA MURIS SENIS TRACHEA GRANULOCYTE AGEING
TABULA MURIS SENIS DIAPHRAGM B CELL AGEING
DESCARTES ORGANOGENESIS NEURAL TUBE
ZHANG UTERUS C0 MATURATIONAL UP
TABULA MURIS SENIS KIDNEY KIDNEY LOOP OF HENLE THICK ASCENDING LIMB EPITHELIAL CELL AGEING
TABULA MURIS SENIS KIDNEY KIDNEY VEIN ENDOTHELIAL CELL AGEING
TABULA MURIS SENIS KIDNEY BRUSH CELL AGEING
TABULA MURIS SENIS KIDNEY PODOCYTE AGEING
TABULA MURIS SENIS KIDNEY KIDNEY PROXIMAL CONVOLUTED TUBULE EPITHELIAL CELL AGEING
TABULA MURIS SENIS LUNG MATURE NK T CELL AGEING
TABULA MURIS SENIS MARROW EARLY PRO B CELL AGEING
TABULA MURIS SENIS LARGE INTESTINE SECRETORY CELL AGEING
TABULA MURIS SENIS LARGE INTESTINE INTERSTITIAL CRYPT STEM CELL AGEING
TABULA MURIS SENIS BLADDER BLADDER UROTHELIAL CELL AGEING
TABULA MURIS SENIS BRAIN NON MYELOID OLIGODENDROCYTE AGEING
TABULA MURIS SENIS BRAIN NON MYELOID ASTROCYTE AGEING
TABULA MURIS SENIS LUNG CLASSICAL MONOCYTE AGEING
TABULA MURIS SENIS SPLEEN PROERYTHROBLAST AGEING
ZHANG UTERUS C7 EPITHELIAL2 CELL
TABULA MURIS SENIS LARGE INTESTINE LARGE INTESTINE GOBLET CELL AGEING
TABULA MURIS SENIS SKIN BASAL CELL OF EPIDERMIS AGEING
TABULA MURIS SENIS LARGE INTESTINE ENTEROCYTE OF EPITHELIUM OF LARGE INTESTINE AGEING
ZHANG UTERUS C13 EPITHELIAL1 CELL
TABULA MURIS SENIS PANCREAS PANCREATIC POLYPEPTIDE CELL AGEING
DESCARTES ORGANOGENESIS STROMAL CELLS
TABULA MURIS SENIS KIDNEY EPITHELIAL CELL OF PROXIMAL TUBULE AGEING
TABULA MURIS SENIS HEART T CELL AGEING
DESCARTES ORGANOGENESIS MEGAKARYOCYTES
DESCARTES ORGANOGENESIS SCHWANN CELL PRECURSOR
TABULA MURIS SENIS TONGUE KERATINOCYTE AGEING
DESCARTES ORGANOGENESIS EPITHELIAL CELLS
DESCARTES ORGANOGENESIS INTERMEDIATE MESODERM
DESCARTES ORGANOGENESIS HEPATOCYTES
TABULA MURIS SENIS LIVER HEPATOCYTE AGEING
TABULA MURIS SENIS THYMUS IMMATURE T CELL AGEING
TABULA MURIS SENIS LIMB MUSCLE SCHWANN CELL AGEING
TABULA MURIS SENIS HEART VALVE CELL AGEING
DESCARTES ORGANOGENESIS ENDOTHELIAL CELLS
ZHANG UTERUS C14 ENDOTHELIAL IMMATURE HIGH CELL
TABULA MURIS SENIS HEART AND AORTA FIBROBLAST OF CARDIAC TISSUE AGEING
TABULA MURIS SENIS MAMMARY GLAND STROMAL CELL AGEING
TABULA MURIS SENIS PANCREAS ENDOTHELIAL CELL AGEING
DESCARTES ORGANOGENESIS CHONDROCYTE PROGENITORS
TABULA MURIS SENIS PANCREAS PANCREATIC STELLATE CELL AGEING
ZHANG UTERUS C2 REGENERATIVE UP
TABULA MURIS SENIS SUBCUTANEOUS ADIPOSE TISSUE EPITHELIAL CELL AGEING
TABULA MURIS SENIS MESENTERIC ADIPOSE TISSUE MYELOID CELL AGEING
DESCARTES ORGANOGENESIS EARLY MESENCHYME
DESCARTES ORGANOGENESIS CHONDROCYTES AND OSTEOBLASTS
DESCARTES ORGANOGENESIS CONNECTIVE TISSUE PROGENITOR
DESCARTES ORGANOGENESIS JAW AND TOOTH PROGENITORS
TABULA MURIS SENIS KIDNEY KIDNEY COLLECTING DUCT EPITHELIAL CELL AGEING
DESCARTES ORGANOGENESIS MELANOCYTES
DESCARTES ORGANOGENESIS LENS
TABULA MURIS SENIS PANCREAS PANCREATIC ACINAR CELL AGEING
TABULA MURIS SENIS LUNG T CELL AGEING
TABULA MURIS SENIS KIDNEY KIDNEY LOOP OF HENLE ASCENDING LIMB EPITHELIAL CELL AGEING
TABULA MURIS SENIS BRAIN NON MYELOID OLIGODENDROCYTE PRECURSOR CELL AGEING
DESCARTES ORGANOGENESIS RADIAL GLIA
DESCARTES ORGANOGENESIS PREMATURE OLIGODENDROCYTE
TABULA MURIS SENIS KIDNEY KIDNEY DISTAL CONVOLUTED TUBULE EPITHELIAL CELL AGEING
TABULA MURIS SENIS PANCREAS PANCREATIC DELTA CELL AGEING
TABULA MURIS SENIS PANCREAS PANCREATIC ALPHA CELL AGEING
TABULA MURIS SENIS BRAIN NON MYELOID INTERNEURON AGEING
TABULA MURIS SENIS HEART ATRIAL MYOCYTE AGEING
TABULA MURIS SENIS LARGE INTESTINE BRUSH CELL OF EPITHELIUM PROPER OF LARGE INTESTINE AGEING
DESCARTES ORGANOGENESIS ISTHMIC ORGANIZER CELLS
DESCARTES ORGANOGENESIS EPENDYMAL CELLS
DESCARTES ORGANOGENESIS SENSORY NEURONS
DESCARTES ORGANOGENESIS OLIGODENDROCYTE PROGENITORS
DESCARTES ORGANOGENESIS POSTMITOTIC PREMATURE NEURONS
DESCARTES ORGANOGENESIS CHOLINERGIC NEURONS
DESCARTES ORGANOGENESIS INHIBITORY NEURON PROGENITORS
DESCARTES ORGANOGENESIS NEURAL PROGENITOR CELLS
DESCARTES ORGANOGENESIS INHIBITORY INTERNEURONS
DESCARTES ORGANOGENESIS INHIBITORY NEURONS
DESCARTES ORGANOGENESIS EXCITATORY NEURONS
DESCARTES ORGANOGENESIS GRANULE NEURONS
TABULA MURIS SENIS BRAIN NON MYELOID NEURON AGEING
TABULA MURIS SENIS PANCREAS PANCREATIC BETA CELL AGEING
DESCARTES ORGANOGENESIS NOTOCHORD CELLS