• 16-cell germline cyst in germarium region 2a and 2b
Johnston organ neuron
Kenyon cell
T neuron T3
● T neuron T4/T5
 adult Malpighian tubule
adult Malpighian tubule bar-shaped cell of initial segment
 adult Malpighian tubule principal cell
 adult Malpighian tubule principal cell of initial segment
 adult Malpighian tubule principal cell of lower segment
 adult Malpighian tubule principal cell of lower ureter
 adult Malpighian tubule stellate cell of main segment
 adult abdominal pericardial cell
adult alary muscle
 adult antenna glial cell
 adult brain perineurial glial cell
 adult differentiating enterocyte
adult enterocyte
adult esophagus
adult fat body
adult glial cell
adult heart
 adult heart ventral longitudinal muscle
adult hindgut
 adult lamina epithelial/marginal glial cell
 adult midgut enterocyte
 adult midgut*
 adult midgut-hindgut hybrid zone
adult neuron
adult oenocyte
 adult olfactory receptor neuron Gr21a/63a
 adult olfactory receptor neuron Ir56a+, Orco-
 adult olfactory receptor neuron Ir75d
 adult olfactory receptor neuron Or22a, Or42b, Or59b
 adult olfactory receptor neuron Or47a, Or56a and likely other ORN types
adult olfactory receptor neuron Or47b
adult olfactory receptor neuron Or65
 adult olfactory receptor neuron acid-sensing, Ir75a/b/c, Ir64a
 adult olfactory receptor neuron unknown type, Orco-
adult ostium
adult peripheral nervous system
 adult peripheral neuron of the heart
adult pylorus
adult renal stem cell
adult reticular neuropil associated glial cell
adult salivary gland
adult tracheal cell
adult ventral nervous system
anterior ejaculatory duct
 antimicrobial peptide-producing cell
artefact bittor consitive labellar taste bristle
bitter-sensitive labellar taste bristle btl GAL4 positive female cell cluster 1. likely to be every cell.
 btl-GAL4 positive female cell, cluster 1, likely to be ovary cell btl-GAL4 positive female cell, cluster 2, likely to be ovary cell
 btl-GAL4 positive female cell, cluster 2, likely to be ovary cell

Cell Types (annotation)

 btl-GAL4 positive female cell, cluster 3, likely to be ovary cell male germline differentiating cell • btl-GAL4 positive female cell, likely to be ovary cell, sim+ male gonad associated epithelium • btl-GAL4 positive female cell, likely to be ovary cell, sim+, H15+ maxillary palp olfactory receptor neuron • cardia (1) maxillary palpus • cardia (2) mechanosensory neuron cardiomyocyte, working adult heart muscle (non-ostia) mechanosensory neuron of haltere cell body glial cell mechanosensory neuron of leg chordotonal organ • choriogenic main body follicle cell St. 12 medullary intrinsic neuron Mi1 choriogenic main body follicle cell and corpus luteum mid-late elongation-stage spermatid columnar neuron T1 midgut cone cell midgut large flat cell copper cell muscle cell crop neuron of haltere crystal cell nociceptive neuron cyst cell branch a optic-lobe-associated cortex glial cell cyst cell branch b outer photoreceptor cell cyst cell intermediate ovarian sheath muscle early cyst cell 1 ovary cell early cyst cell 2 oviduct perineurial glial sheath early elongation stage spermatid early-mid elongation-stage spermatid peripheral glial cell ejaculatory bulb pheromone-sensing neuron ejaculatory bulb epithelium photoreceptor ensheathing glial cell photoreceptor cell R8 enterocyte of anterior adult midgut epithelium pigment cell enterocyte of posterior adult midgut epithelium polar follicle cell enterocyte-like post-mitotic endocycling nurse cell enteroendocrine cell post-mitotic germ cell early 16-cell cyst • epidermal cell that specialized in antimicrobial response posterior midgut* principal cell* epithelial cell escort cell secretory cell of the male reproductive tract eye photoreceptor cell seminal vesicle • female reproductive system sensory neuron follicle cell skeletal muscle of head • follicle cell St. 9+ spermatid germ cell stage 4 and later spermatocyte germline cell spermatocyte 2 germline cell, unknown stage spermatocyte 3 gustatory receptor neuron spermatocyte 4 gustatory receptor neuron of the labellum spermatocyte 5 head cyst cell spermatocyte 6 hemocyte spermatocyte 7a indirect flight muscle spermatocyte cyst cell branch a labral sense organ mechanosensory neuron spermatocyte cyst cell branch b lamina monopolar neuron L3 stretch follicle cell lamina wide-field 1 neuron subperineurial glial cell late cyst cell branch a tendon cell late cyst cell branch b testis late primary spermatocyte tormogen cell unannotated leg muscle motor neuron main body follicle cell ca. until St. 5 visceral muscle male accessory gland visceral muscle of the midgut male accessory gland main cell young germ cell male accessory gland secondary cell