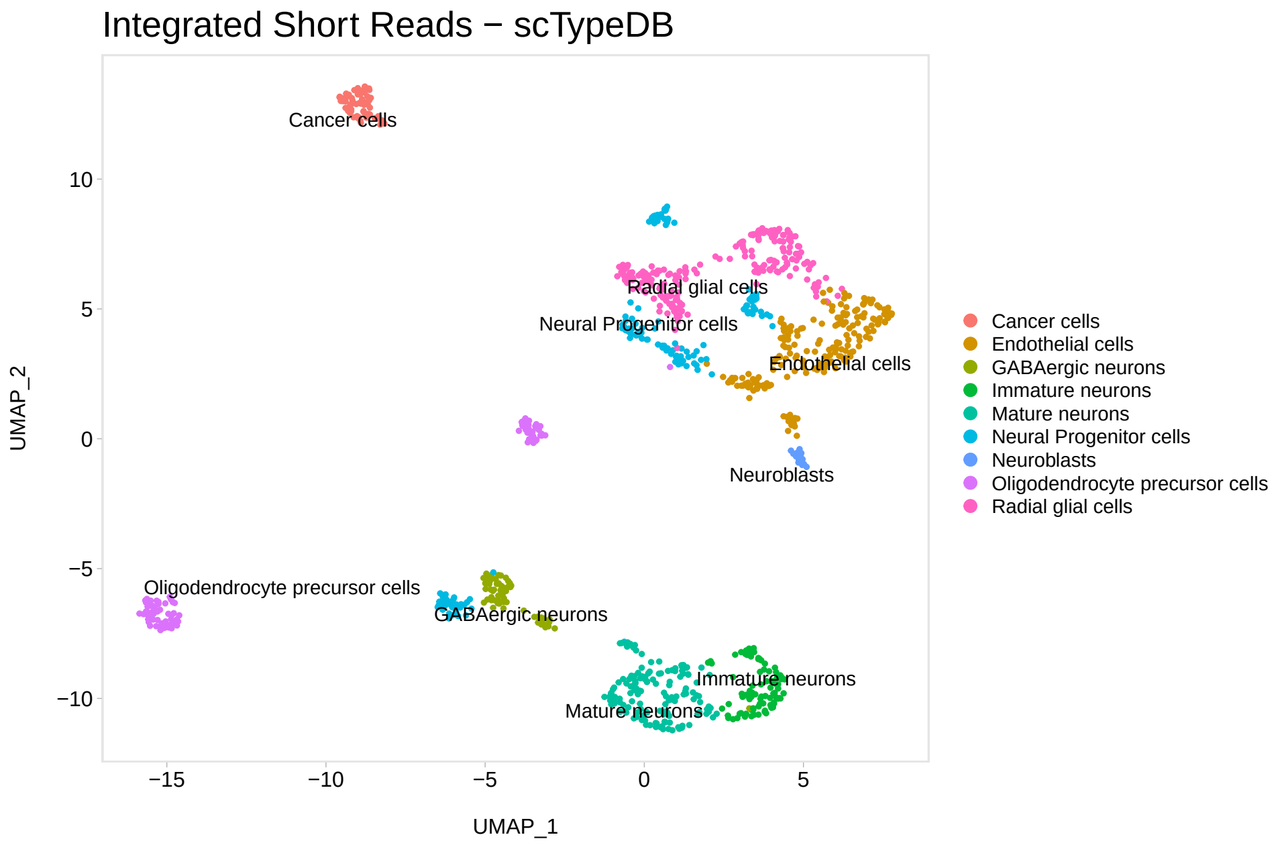
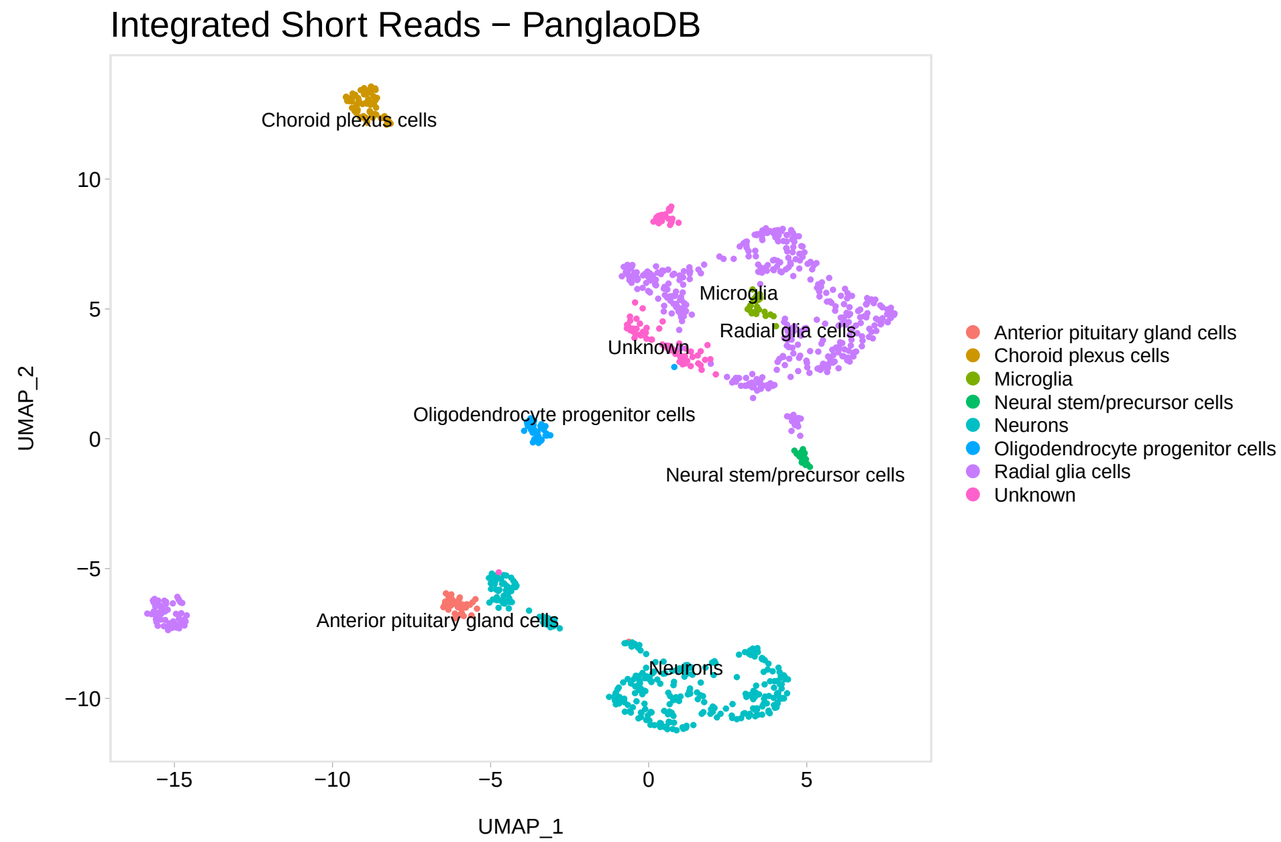
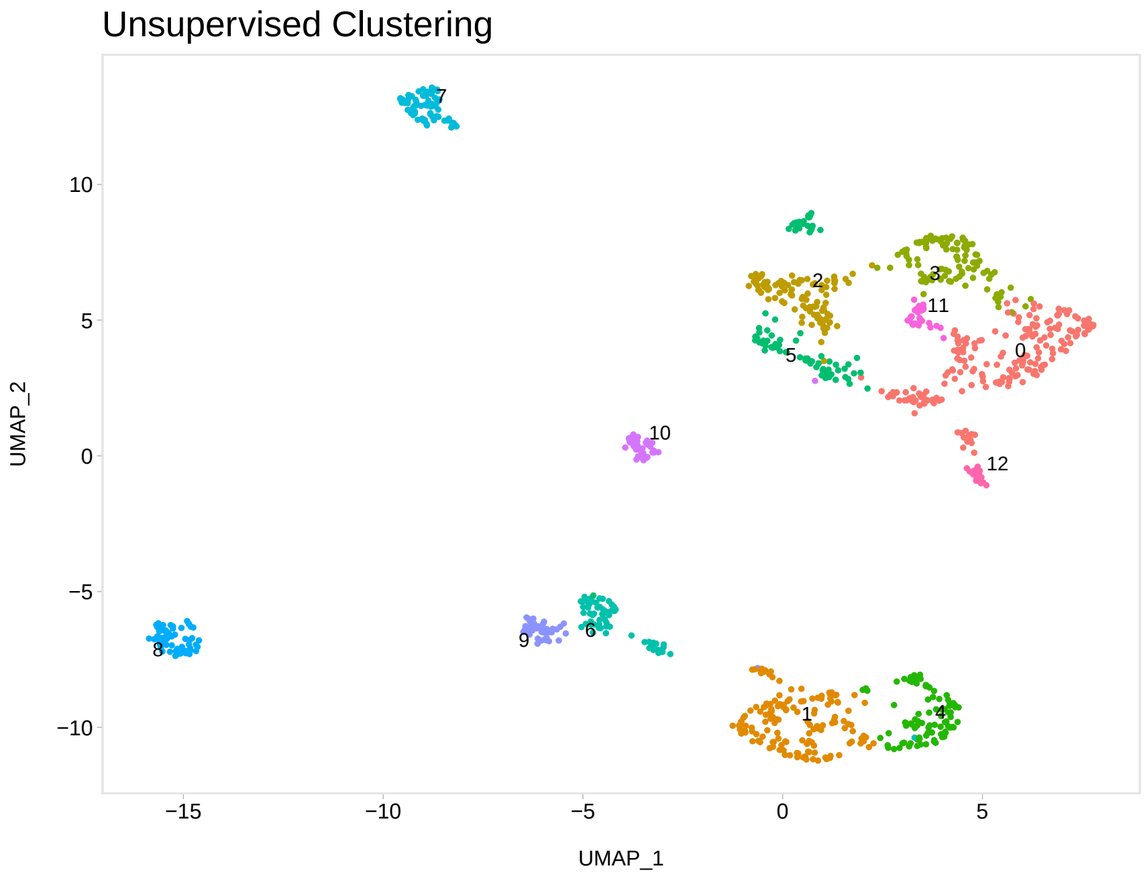
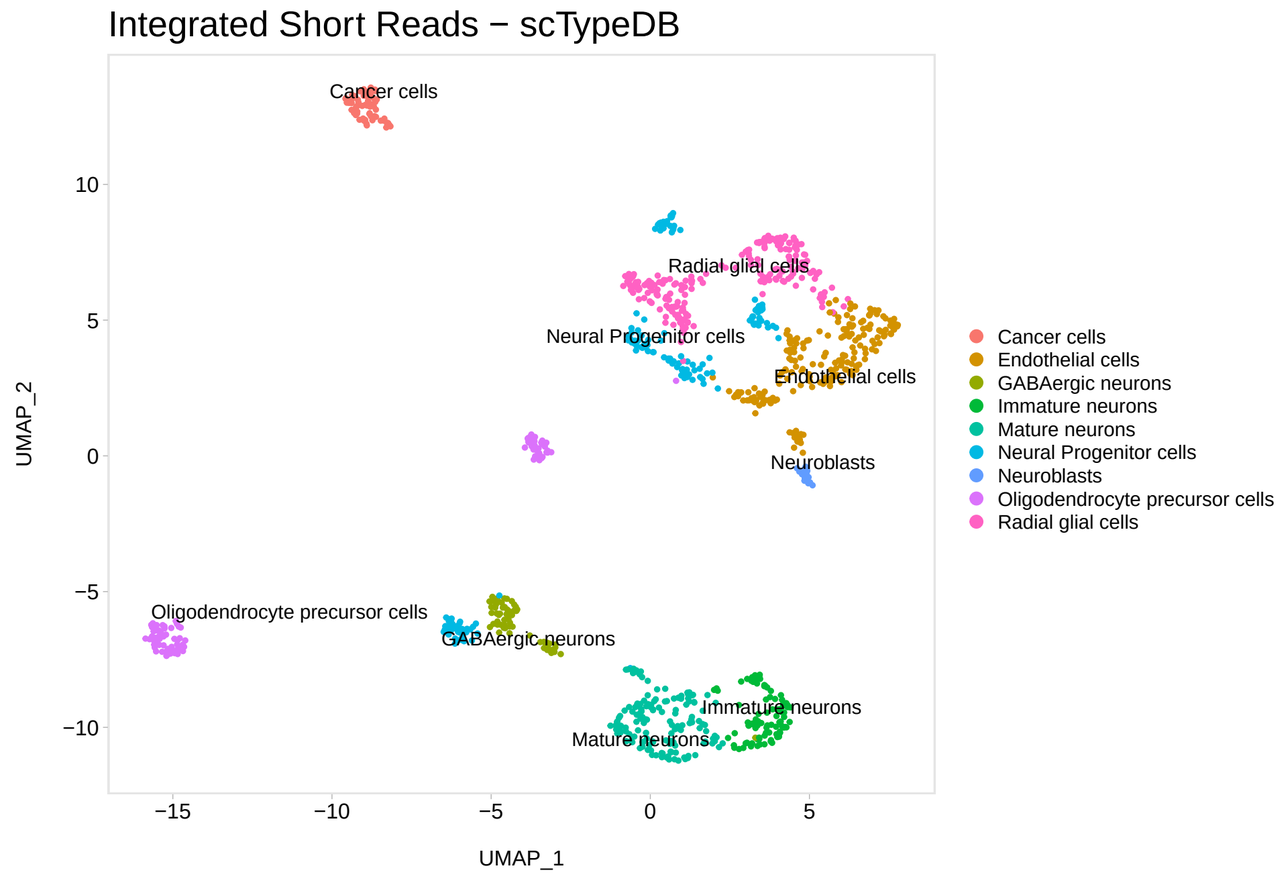
SCRIPT 3 : LABELLING CELL TYPES
INTEGRATED SHORT READS





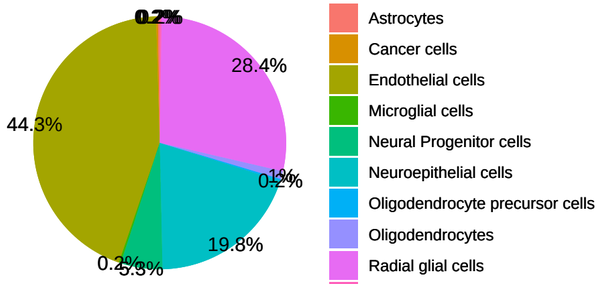
scType Database Labels versus Unsupervised Clustering



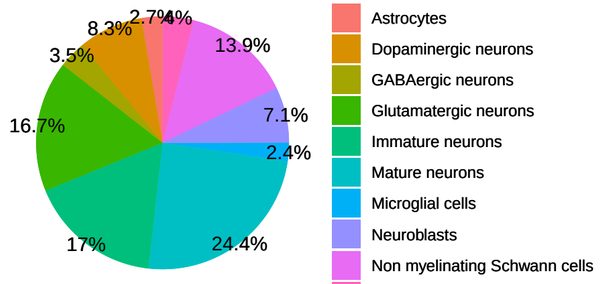


INTEGRATED SHORT READS
(scType DataBase)
Pie Charts denoting cell label confidence scores for each cluster

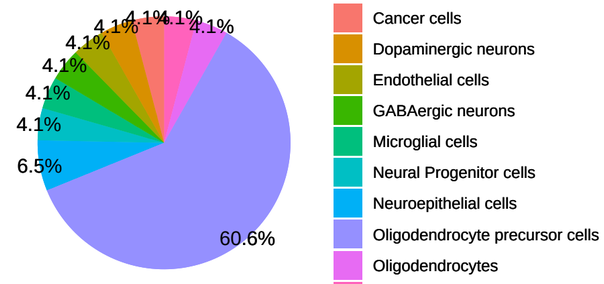
Cluster 0



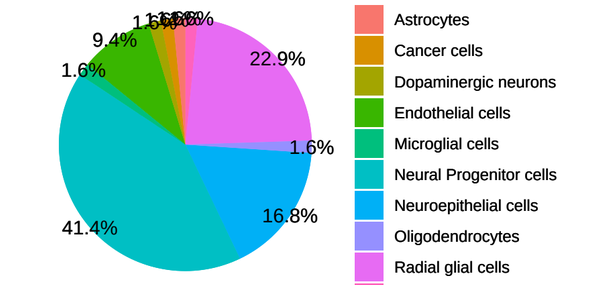
Cluster 1



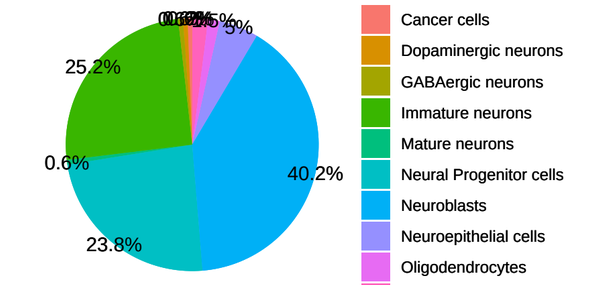
Cluster 10



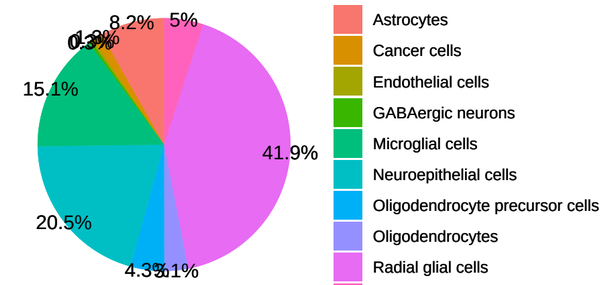
Cluster 11



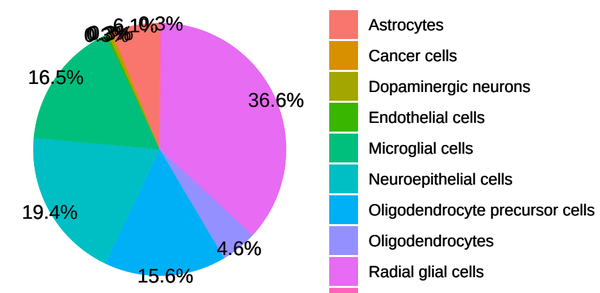
Cluster 12



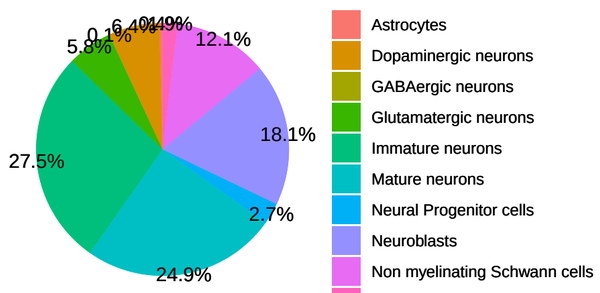
Cluster 2



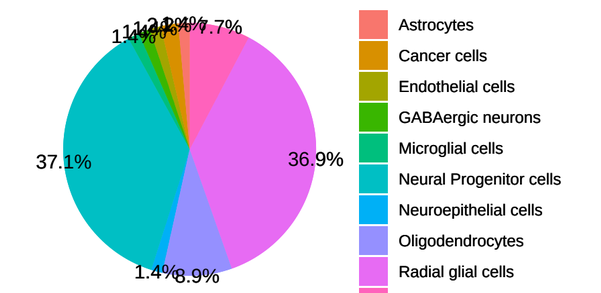
Cluster 3



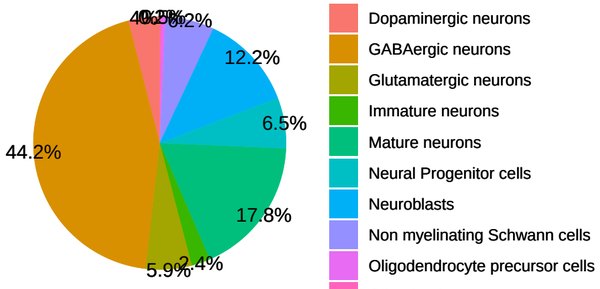
Cluster 4



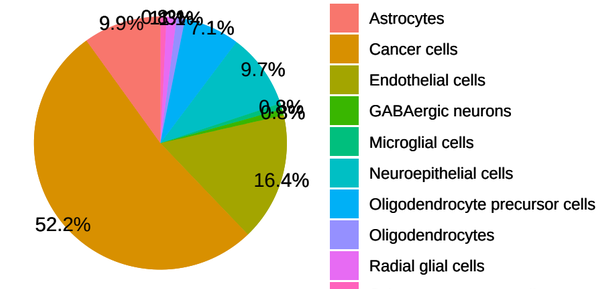
Cluster 5



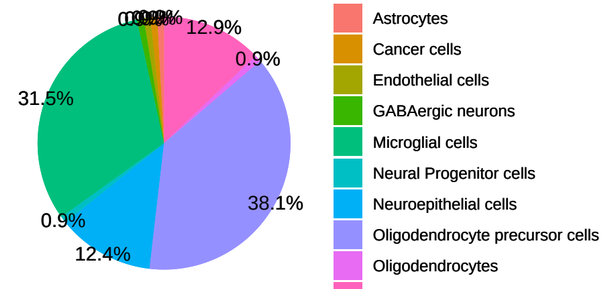
Cluster 6



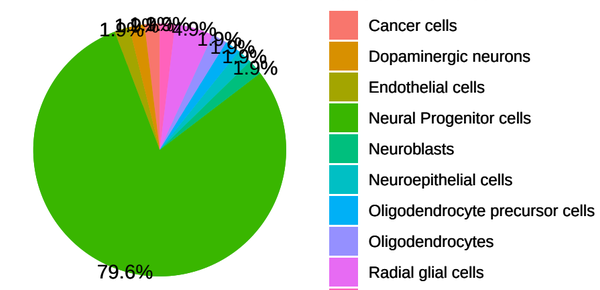
Cluster 7



Cluster 8

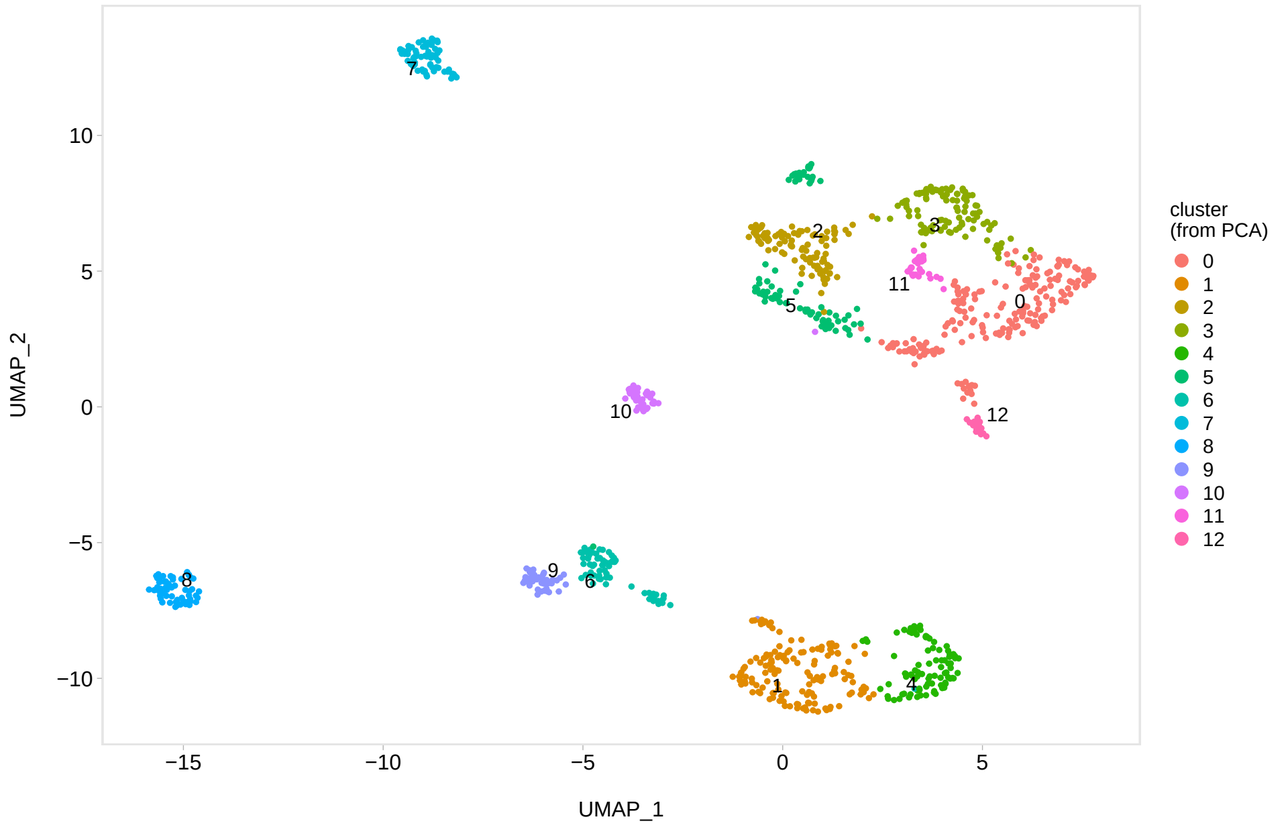


Cluster 9

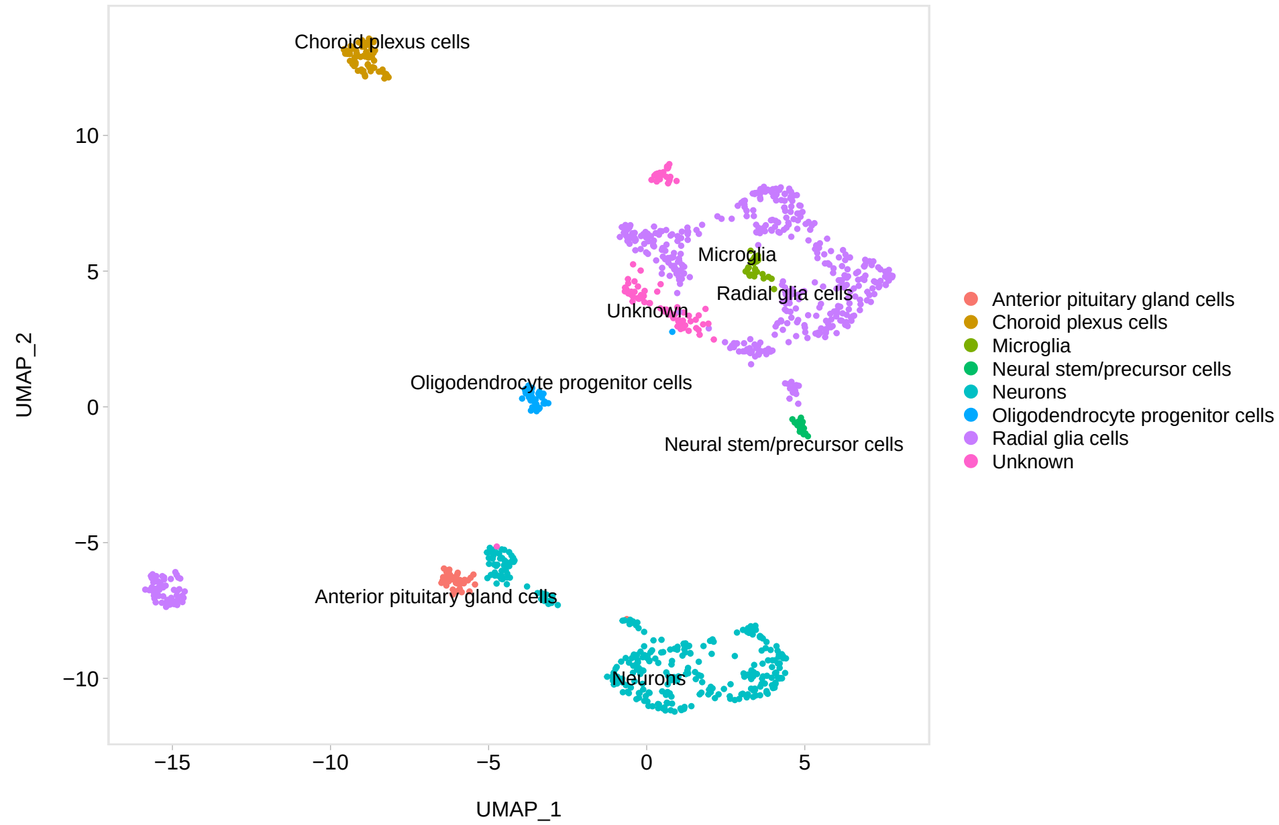


Panglao Database Labels versus Unsupervised Clustering

Unsupervised Clustering

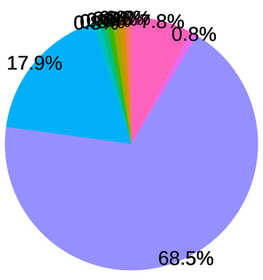


Integrated Short Reads − PanglaoDB



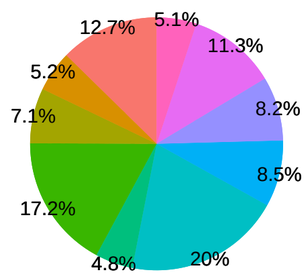
INTEGRATED SHORT READS
(Panglao DataBase)
Pie Charts denoting cell label confidence scores for each cluster

Cluster 0



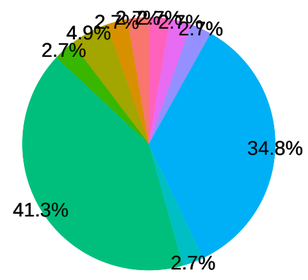
Labels Considered
- Astrocytes
- Glycinergic neurons
- Meningeal cells
- Microglia
- Motor neurons
- Noradrenergic neurons
- Oligodendrocyte progenitor cells
- Radial glia cells
- Satellite glial cells
- Tanycytes

Cluster 1



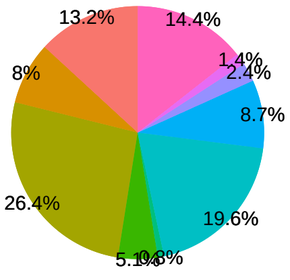
Labels Considered
- Cajal−Retzius cells
- Dopaminergic neurons
- Glutaminergic neurons
- Interneurons
- Neuroblasts
- Neurons
- Purkinje neurons
- Pyramidal cells
- Retinal ganglion cells
- Trigeminal neurons

Cluster 10



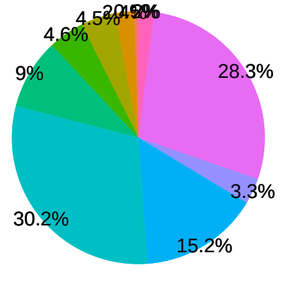
Labels Considered
- Ependymal cells
- Glycinergic neurons
- Microglia
- Motor neurons
- Oligodendrocyte progenitor cells
- Pinealocytes
- Radial glia cells
- Satellite glial cells
- Schwann cells
- Tanycytes

Cluster 11



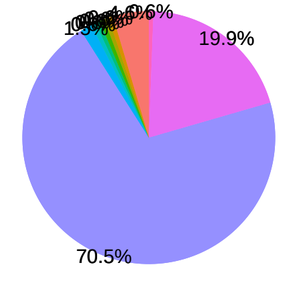
Labels Considered
- Anterior pituitary gland cells
- Ependymal cells
- Microglia
- Motor neurons
- Noradrenergic neurons
- Oligodendrocytes
- Radial glia cells
- Satellite glial cells
- Schwann cells
- Tanycytes

Cluster 12



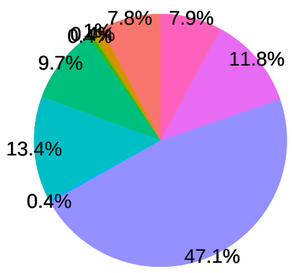
Labels Considered
- Adrenergic neurons
- Anterior pituitary gland cells
- Cajal−Retzius cells
- Ependymal cells
- Immature neurons
- Neural stem/precursor cells
- Neuroblasts
- Noradrenergic neurons
- Pinealocytes
- Pyramidal cells

Cluster 2



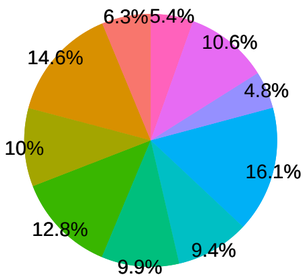
Labels Considered
- Astrocytes
- Bergmann glia
- Glycinergic neurons
- Meningeal cells
- Microglia
- Noradrenergic neurons
- Oligodendrocyte progenitor cells
- Radial glia cells
- Satellite glial cells
- Tanycytes

Cluster 3



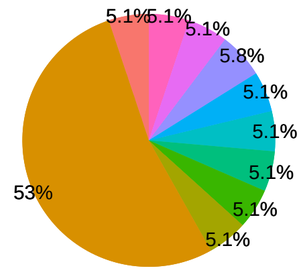
Labels Considered
- Astrocytes
- Bergmann glia
- Glycinergic neurons
- Meningeal cells
- Microglia
- Oligodendrocyte progenitor cells
- Oligodendrocytes
- Radial glia cells
- Satellite glial cells
- Tanycytes

Cluster 4



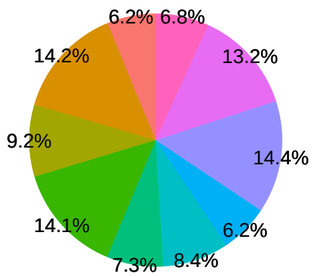
Labels Considered
- Adrenergic neurons
- Cajal−Retzius cells
- Immature neurons
- Interneurons
- Neural stem/precursor cells
- Neuroblasts
- Neurons
- Purkinje neurons
- Pyramidal cells
- Retinal ganglion cells

Cluster 5



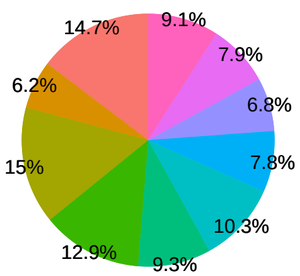
Labels Considered
- Astrocytes
- Ependymal cells
- Glycinergic neurons
- Meningeal cells
- Motor neurons
- Oligodendrocyte progenitor cells
- Oligodendrocytes
- Radial glia cells
- Satellite glial cells
- Tanycytes

Cluster 6



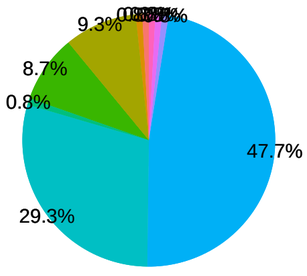
Labels Considered
- Anterior pituitary gland cells
- GABAergic neurons
- Glycinergic neurons
- Interneurons
- Motor neurons
- Neuroblasts
- Neuroendocrine cells
- Neurons
- Purkinje neurons
- Retinal ganglion cells

Cluster 7



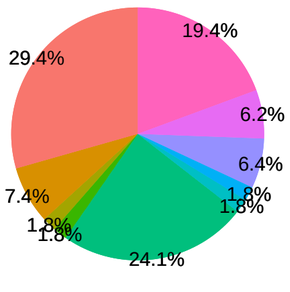
Labels Considered
- Astrocytes
- Bergmann glia
- Choroid plexus cells
- Ependymal cells
- Meningeal cells
- Microglia
- Oligodendrocyte progenitor cells
- Radial glia cells
- Schwann cells
- Tanycytes

Cluster 8



Labels Considered
- Adrenergic neurons
- Glycinergic neurons
- Immature neurons
- Microglia
- Motor neurons
- Oligodendrocyte progenitor cells
- Radial glia cells
- Satellite glial cells
- Schwann cells
- Tanycytes

Cluster 9



Labels Considered
- Anterior pituitary gland cells
- Ependymal cells
- Glycinergic neurons
- Meningeal cells
- Microglia
- Motor neurons
- Oligodendrocytes
- Radial glia cells
- Schwann cells
- Tanycytes