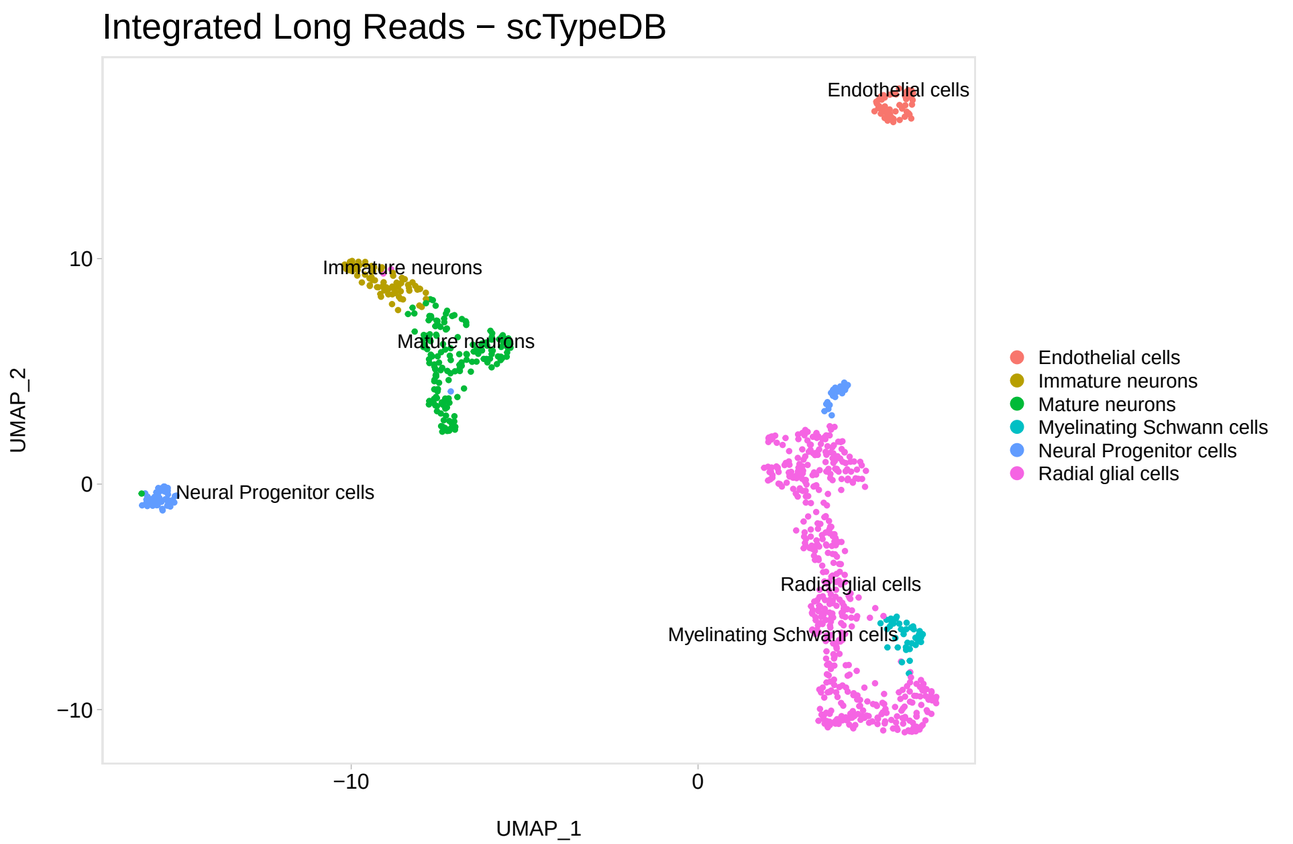
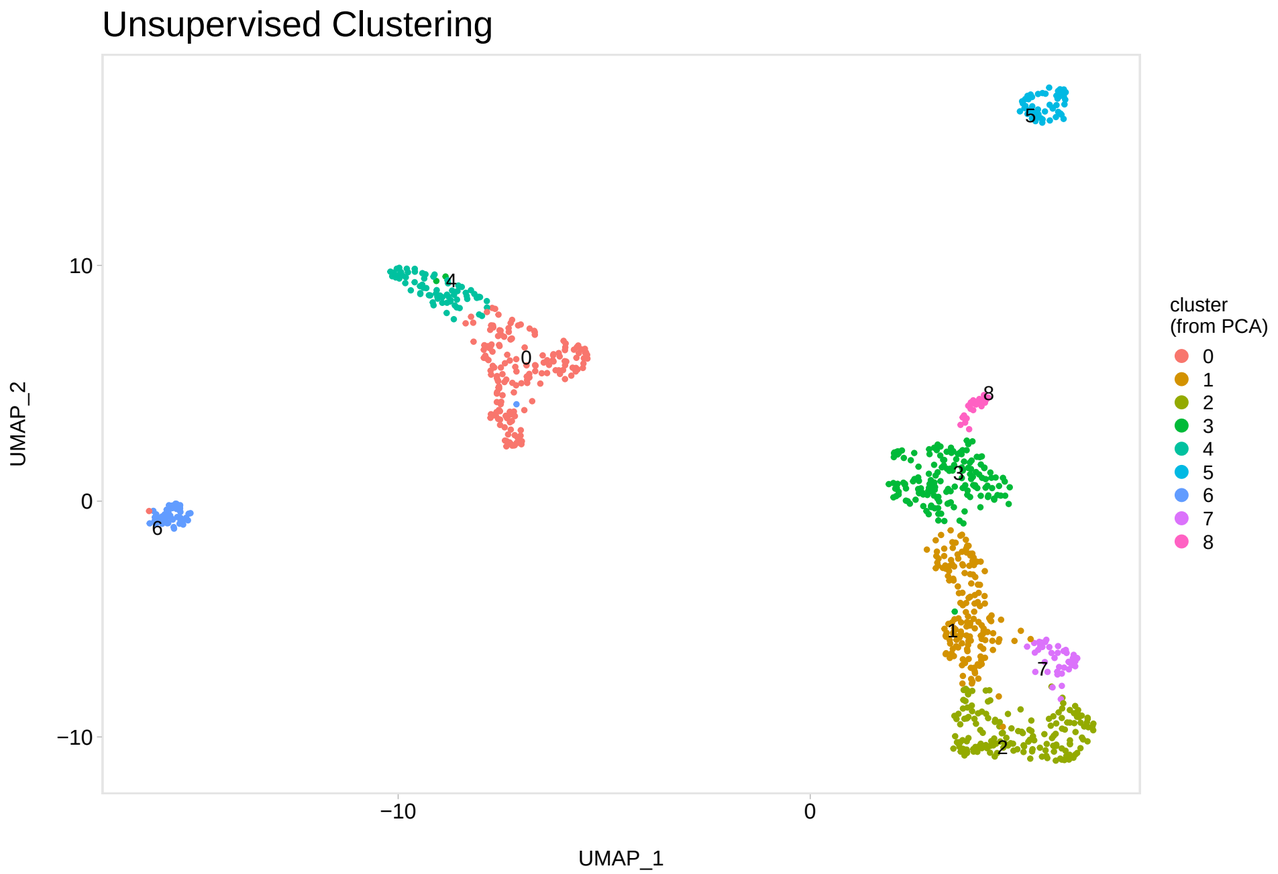
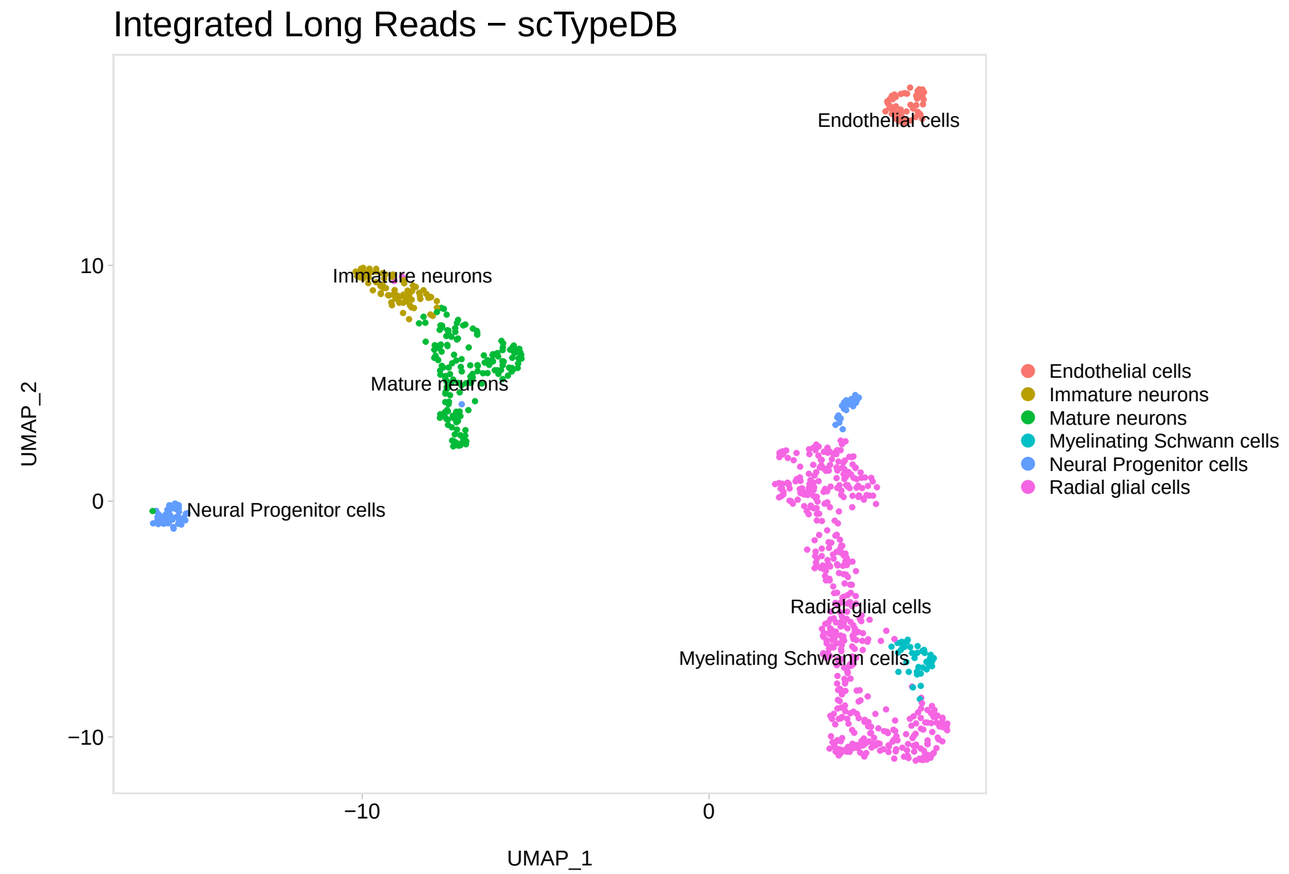
SCRIPT 3 : LABELLING CELL TYPES
INTEGRATED LONG READS



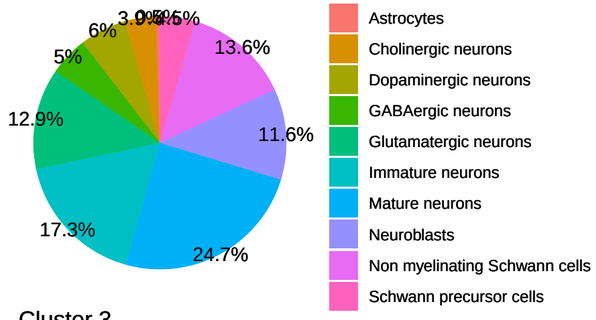
scType Database Labels versus Unsupervised Clustering





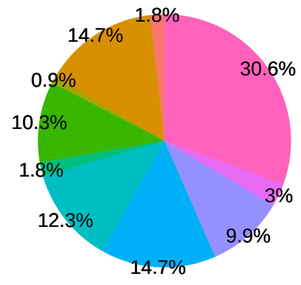
INTEGRATED LONG READS
(scType DataBase)
Pie Charts denoting cell label confidence scores for each cluster

Cluster 0



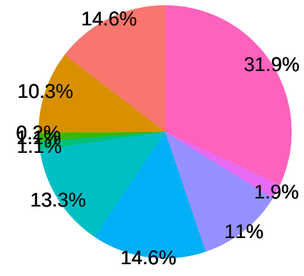
Labels Considered
- Astrocytes
- Cholinergic neurons
- Dopaminergic neurons
- GABAergic neurons
- Glutamatergic neurons
- Immature neurons
- Mature neurons
- Neuroblasts
- Non myelinating Schwann cells
- Schwann precursor cells

Cluster 1



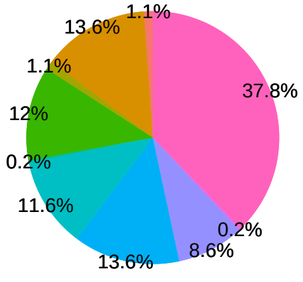
Labels Considered
- Astrocytes
- Cancer stem cells
- Endothelial cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Oligodendrocytes
- Radial glial cells

Cluster 2



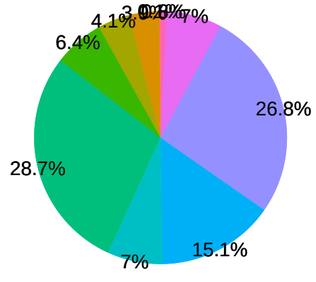
Labels Considered
- Cancer stem cells
- Endothelial cells
- Immune system cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Oligodendrocytes
- Radial glial cells

Cluster 3



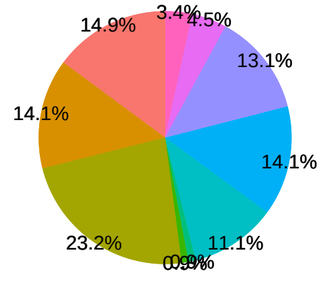
Labels Considered
- Astrocytes
- Cancer stem cells
- Endothelial cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Oligodendrocytes
- Radial glial cells

Cluster 4



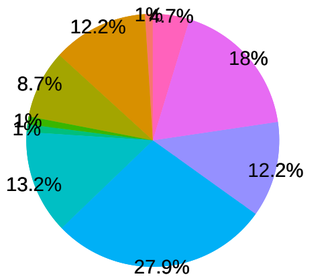
Labels Considered
- Astrocytes
- Cholinergic neurons
- Dopaminergic neurons
- Glutamatergic neurons
- Immature neurons
- Immune system cells
- Mature neurons
- Neuroblasts
- Non myelinating Schwann cells
- Schwann precursor cells

Cluster 5



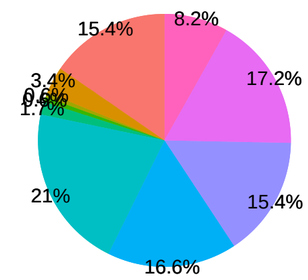
Labels Considered
- Astrocytes
- Cancer stem cells
- Endothelial cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Radial glial cells
- Schwann precursor cells

Cluster 6



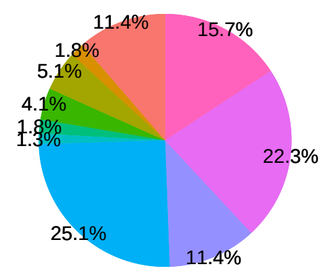
Labels Considered
- Astrocytes
- Cancer stem cells
- Endothelial cells
- Immune system cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Radial glial cells

Cluster 7



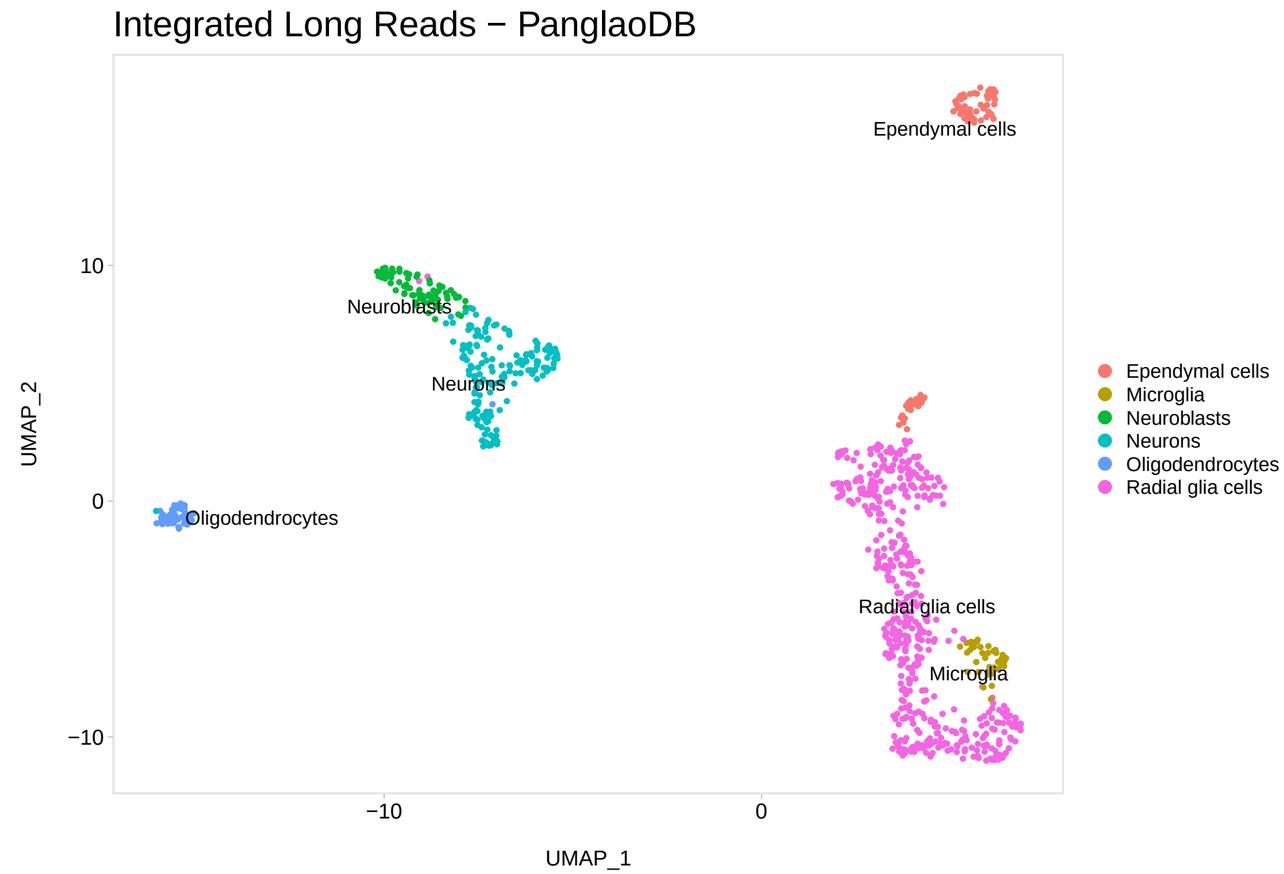
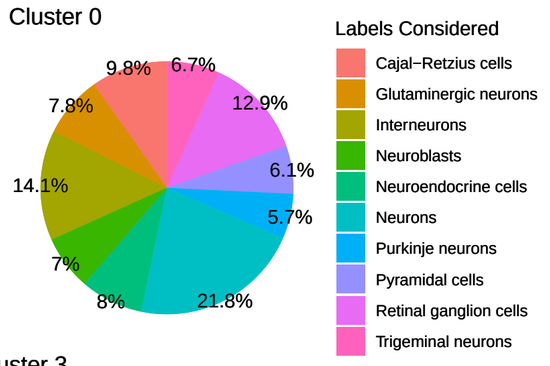
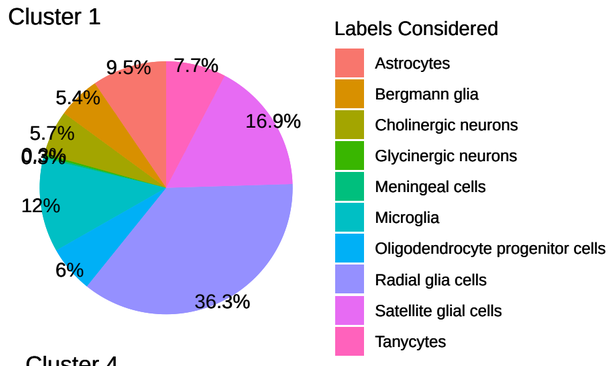
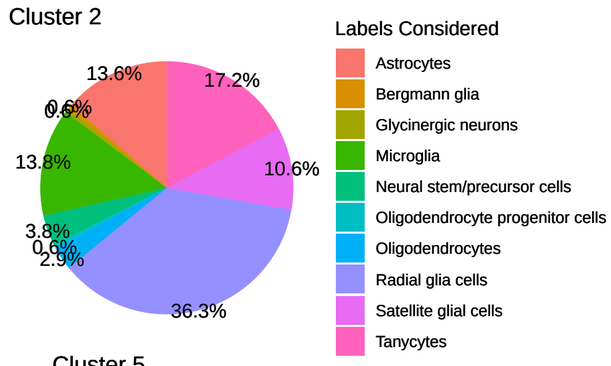
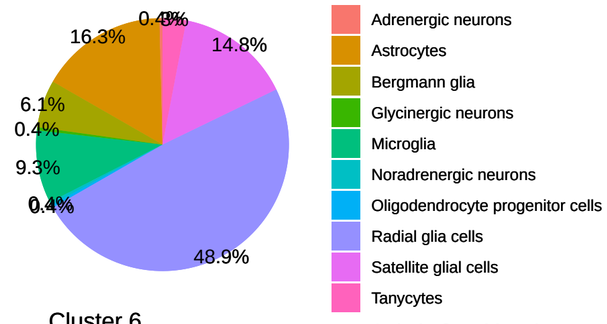
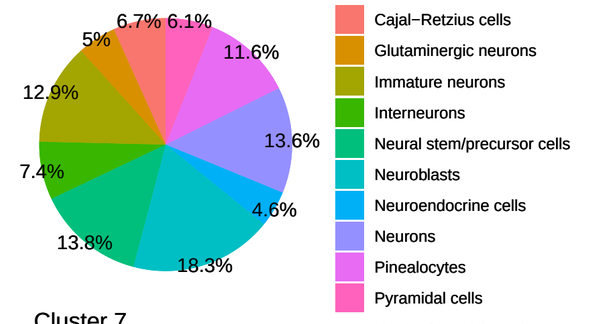
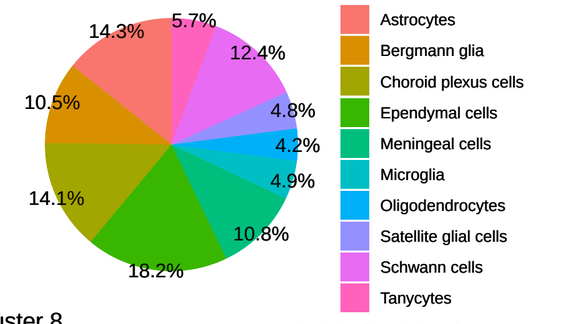
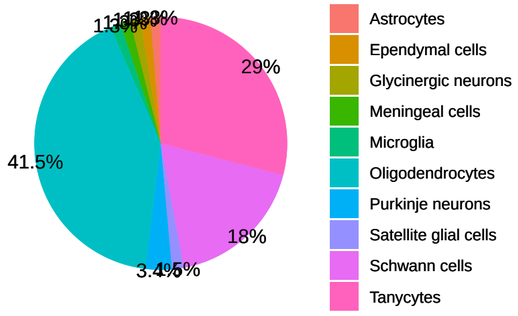
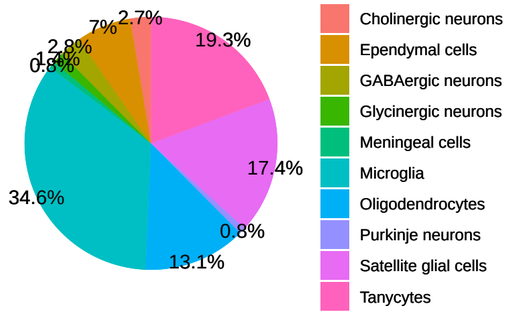
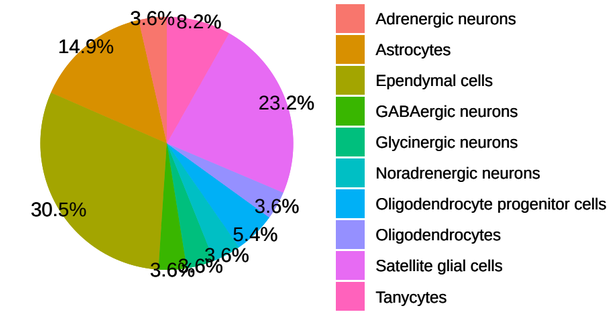
Labels Considered
- Cancer stem cells
- Endothelial cells
- GABAergic neurons
- Immune system cells
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Radial glial cells

Cluster 8



Labels Considered
- Cancer stem cells
- Cholinergic neurons
- Endothelial cells
- GABAergic neurons
- Microglial cells
- Myelinating Schwann cells
- Neural Progenitor cells
- Neural stem cells
- Neuroepithelial cells
- Radial glial cells

Panglao Database Labels versus Unsupervised Clustering



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