

Neural Markers

Citation Support Knockout/ Knockdown Validation

Astrocytes

- GFAP
- S100β
- AQP4
- IGF1BP3
- ALDH1L1
- Glutamine synthetase
- Aldolase C
- Coralin

Microglia

- CD11b
- Iba1
- CX3CR1
- CD45
- CD68
- F4/80
- HLA-DR
- C1qa
- INOS

Oligodendrocytes

- OLIG1
- OLIG2
- MBP
- MOG
- MAG
- GALC
- CNP

Mature Neurons

- NeuN
- Neurofilament H/M/L
- MAP2
- Tau
- Synaptophysin
- PSD95
- GAP43
- Nrp1

Neurogenesis

- DCX
- NeuroD1
- Stathmin
- NCAM
- NSE

Immature Neurons

- Tuj1
- Neurofilament H/M/L
- alpha Internexin

Cholinergic

- ChAT
- VACHT
- AChE
- ACHR

Dopaminergic

- TH
- DBH
- DAT
- NET
- GIRK2
- Nurrl
- LMX1B
- FOXA2
- DARPP-32

GABAergic

- GABA
- GABA_A receptor alpha
- GABA_A receptor beta
- GABA_A receptor
- GAD65
- GAD67
- VGAT

Glutamatergic

- Glutaminase
- Glutamine synthetase
- vGluT1
- vGluT2
- NMDAR1
- NMDAR2A
- NMDAR2B

Serotonergic

- Serotonin (5-HT)
- Serotonin transporter (5-HTT)
- TPH