

## I SUPPLEMENTARY MATERIAL

# Guided and unguided neural organoids play complementary roles in studying neurodevelopment and neuroinflammation

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**Table 1S.** Antibodies used in this study

| Antigen         | Company                  | Cat. No. | Marker of                    |
|-----------------|--------------------------|----------|------------------------------|
| SOX2            | Millipore                | AB5603   | Neural progenitors           |
| FOXG1           | Abcam                    | ab18259  | Neural progenitors           |
| NESTIN          | Millipore                | MAB5326  | Neural progenitors           |
| MAP2            | Millipore                | MAB3418  | Neurons                      |
| TUJ1            | Sigma                    | T2200    | Neurons                      |
| CTIP2           | Abcam                    | ab18465  | Lower cortical layer neurons |
| SATB2           | Abcam                    | ab34735  | Upper cortical layer neurons |
| GFAP            | Millipore                | AB5804   | Astrocytes                   |
| CD44            | Abcam                    | ab6124   | Astrocytes                   |
| IBA1            | Abcam                    | ab178846 | Microglia                    |
| Ki67            | Abcam                    | ab254123 | Cell proliferation           |
| Alexa Fluor 594 | Thermo Fisher Scientific | A11012   | Secondary antibody           |
| Alexa Fluor 488 | Thermo Fisher Scientific | A32723   | Secondary antibody           |
| Alexa Fluor 546 | Thermo Fisher Scientific | A11040   | Secondary antibody           |
| Alexa Fluor 680 | Thermo Fisher Scientific | A21096   | Secondary antibody           |