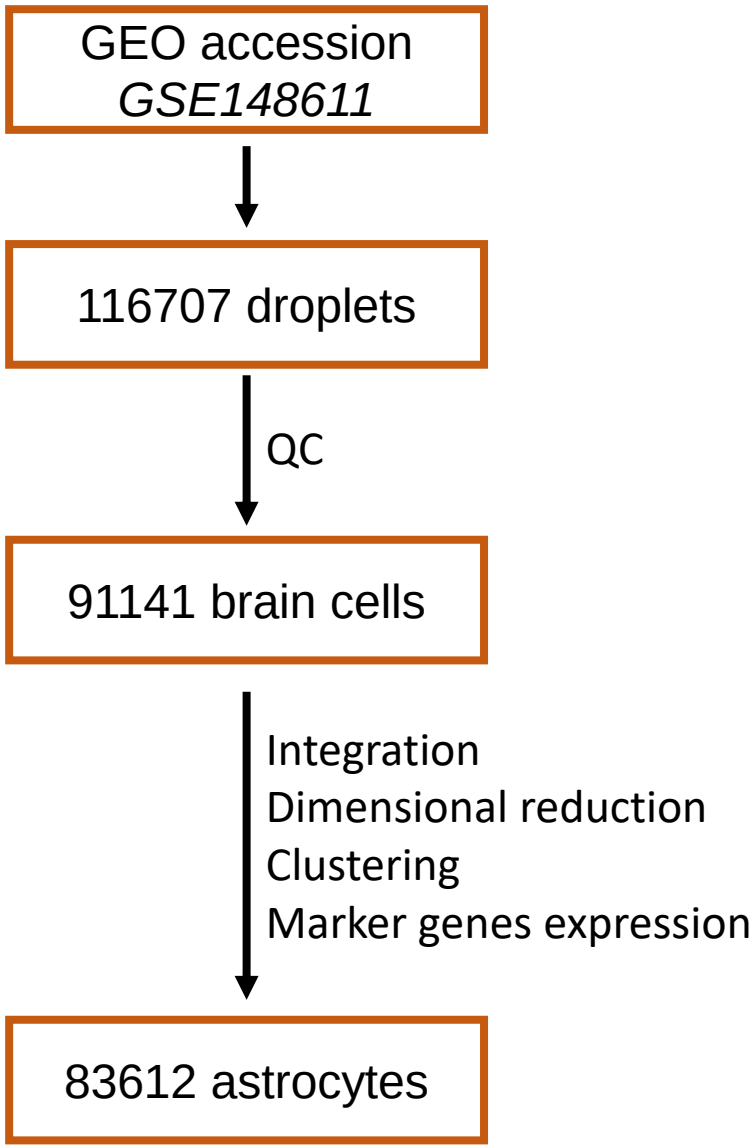
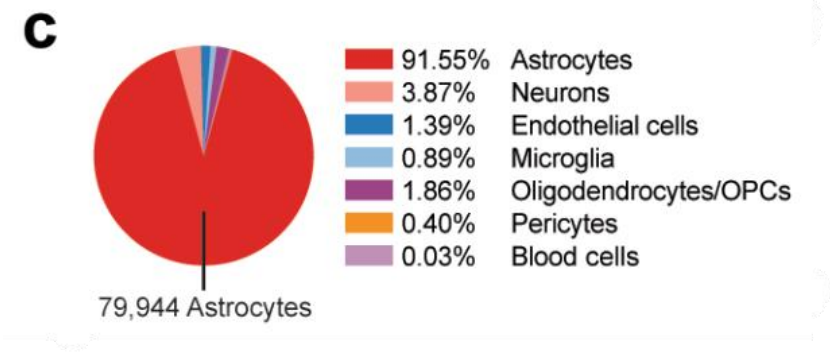
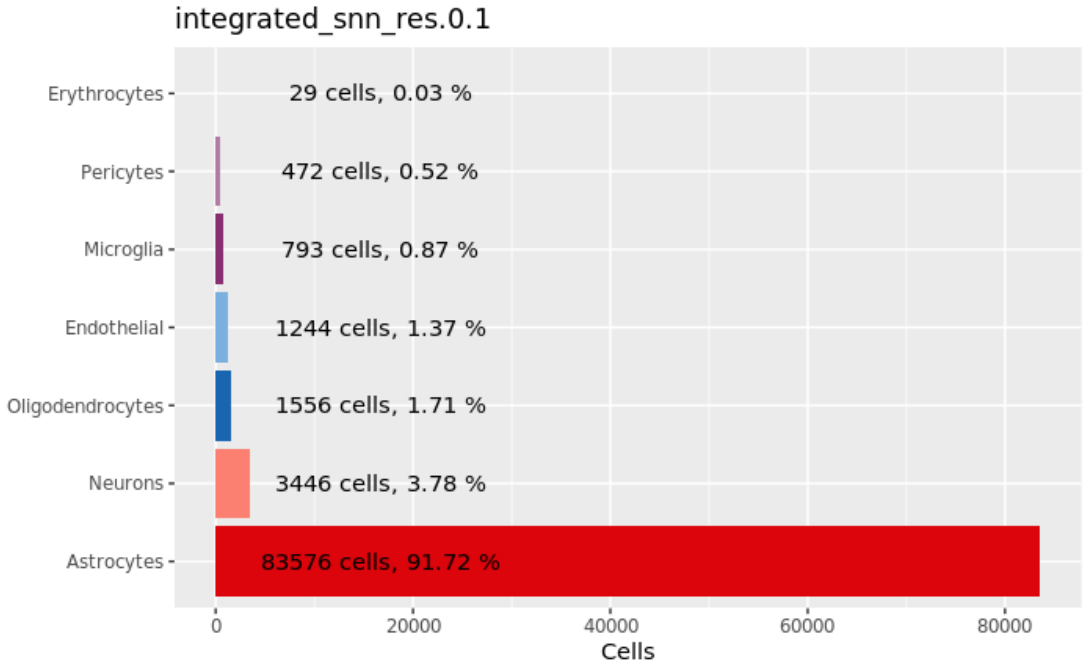

GEO accession
GSE148611
116707 droplets
QC
91141 brain cells
Integration
Dimensional reduction
Clustering
Marker genes expression
83612 astrocytes

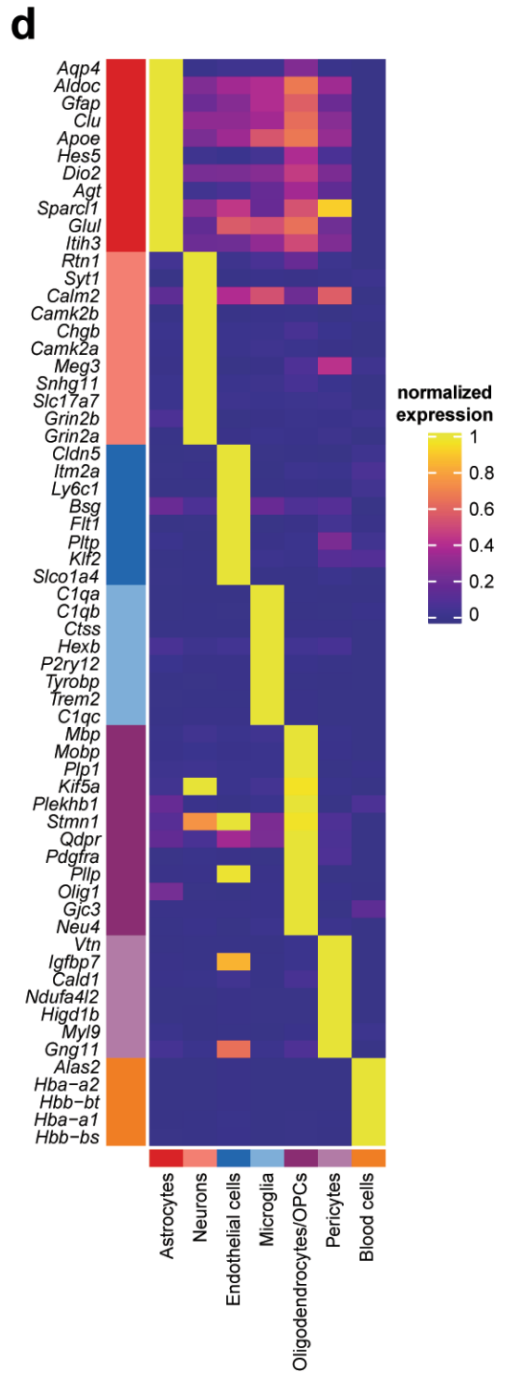


Extended Data Fig. 1c, Initial clustering of all 91110 cells across all 12 animals identifies presence and percentage of non-astrocytic cells as defined by cell type marker genes



Reproduction of cell type annotation

Extended Data Fig. 1d, Heatmap of normalized cell type marker genes across the identified cell type clusters.



Reproduction:

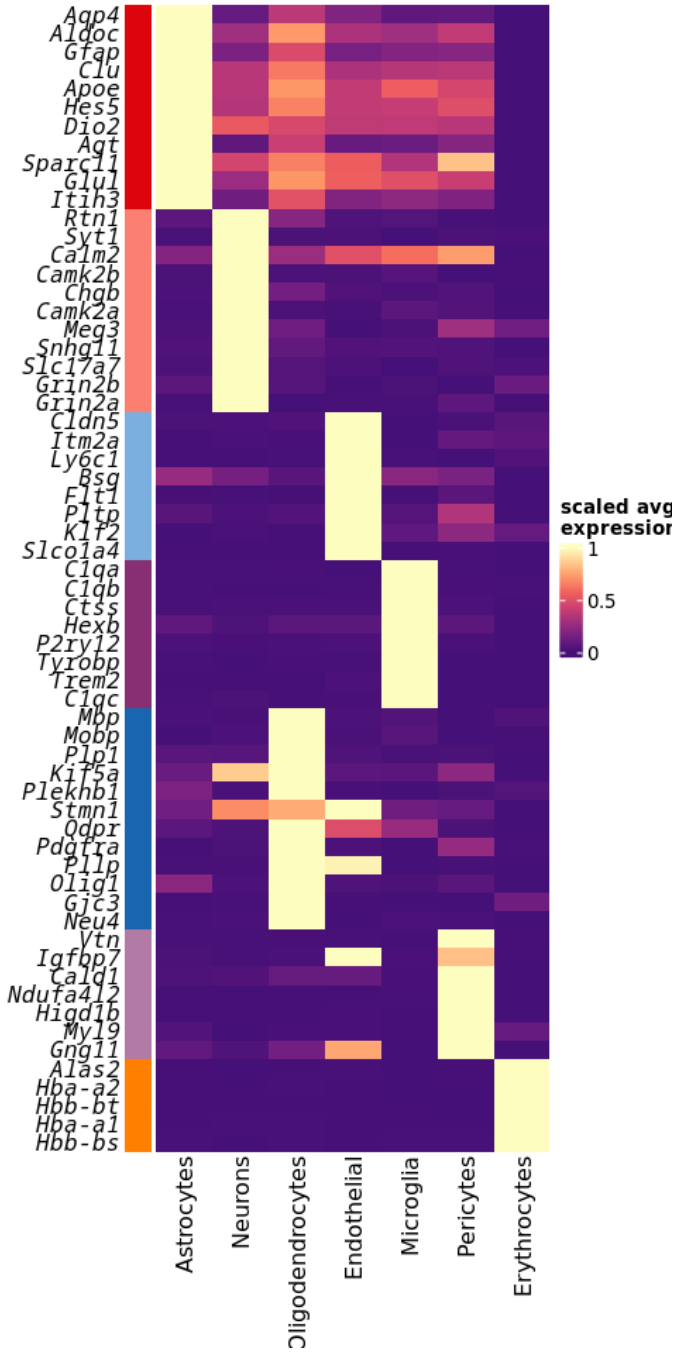
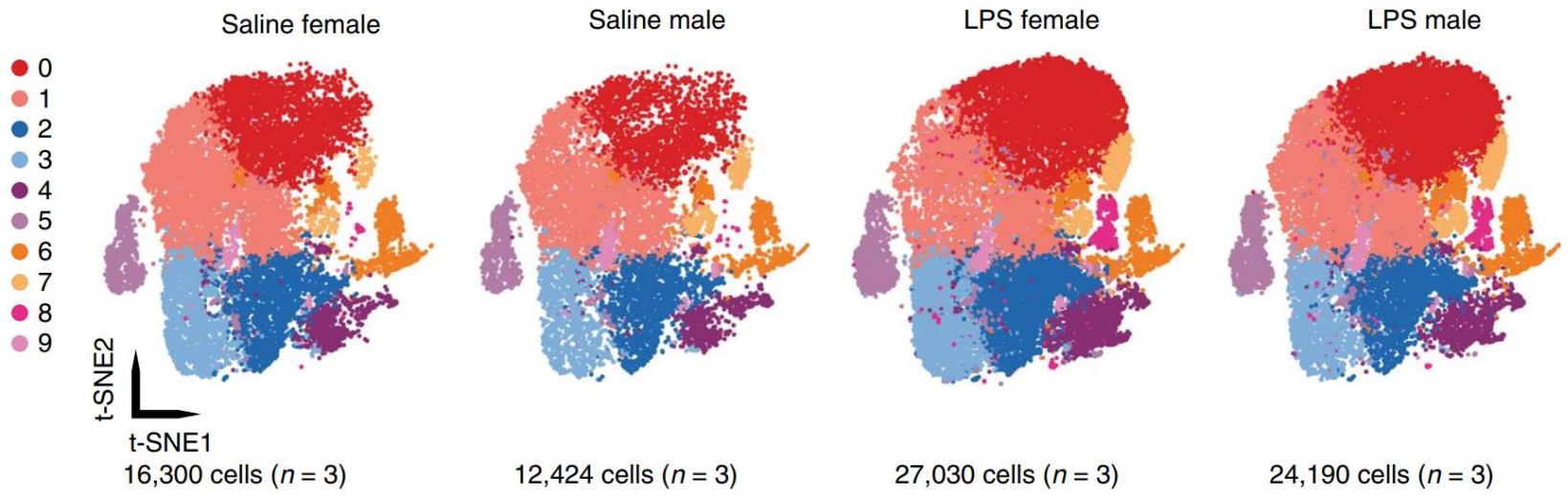


Fig.2b – clustered astrocytes

Paper



Reproduction

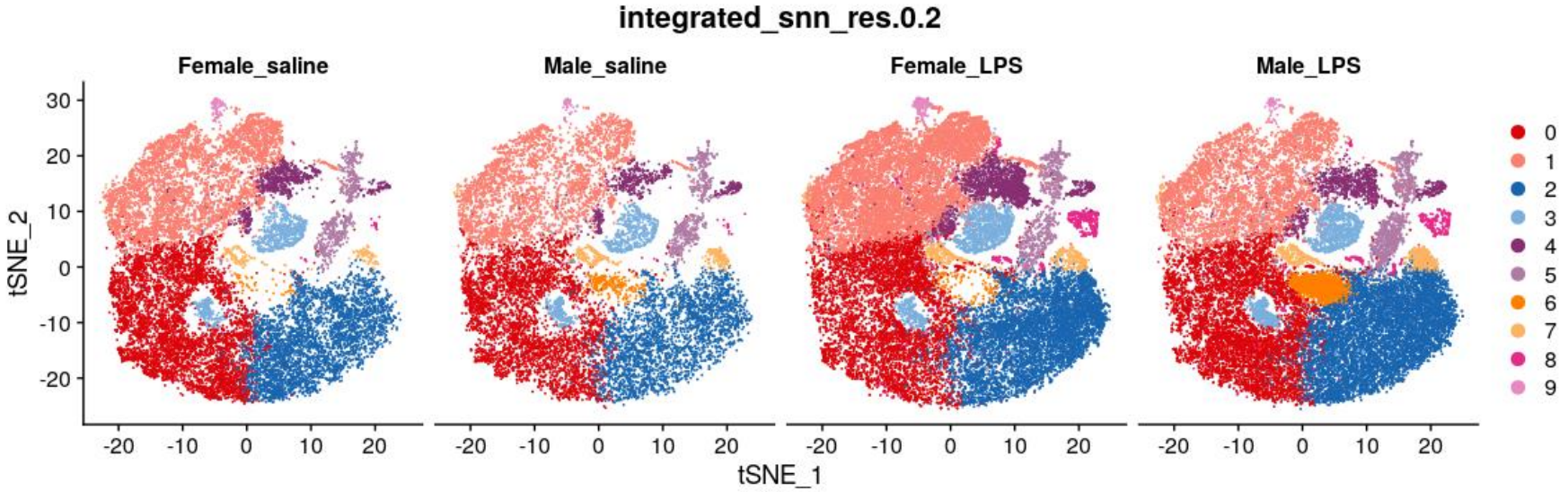


Fig.2c – gene expression heatmap

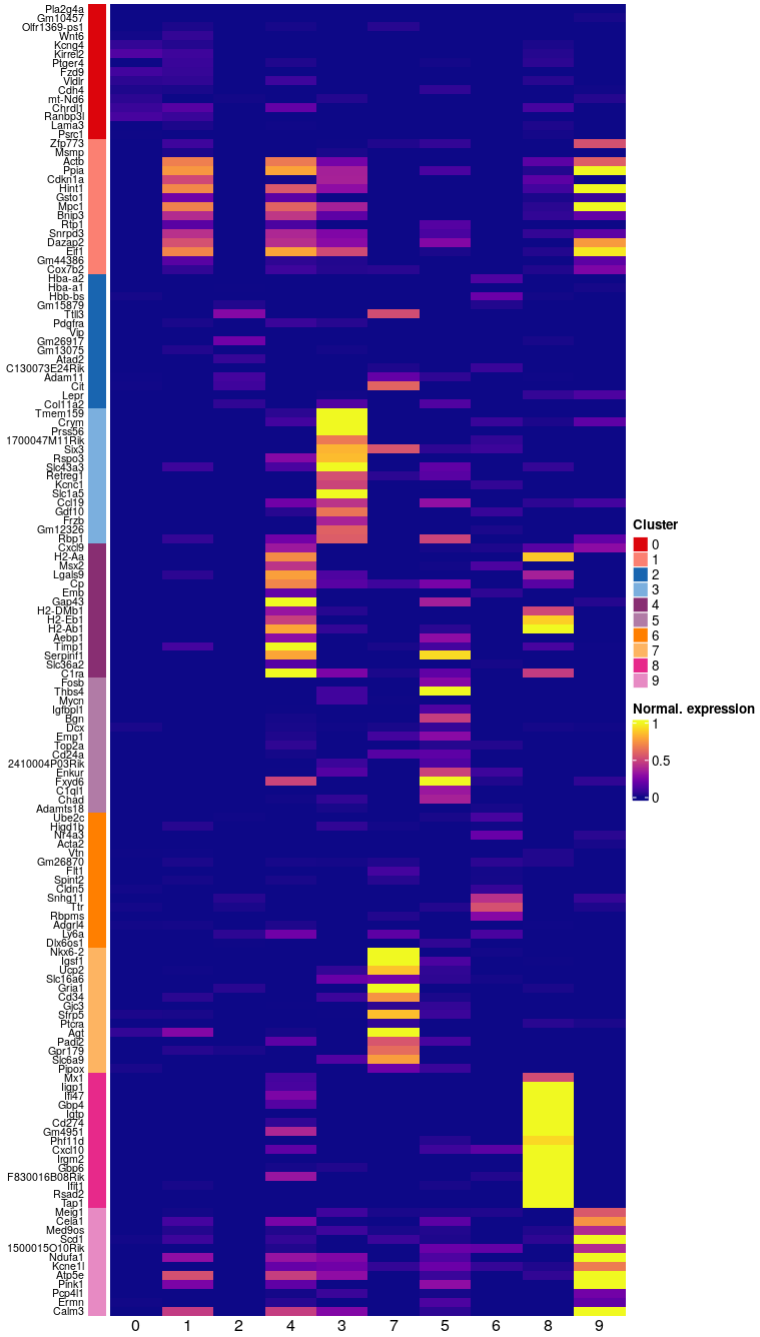
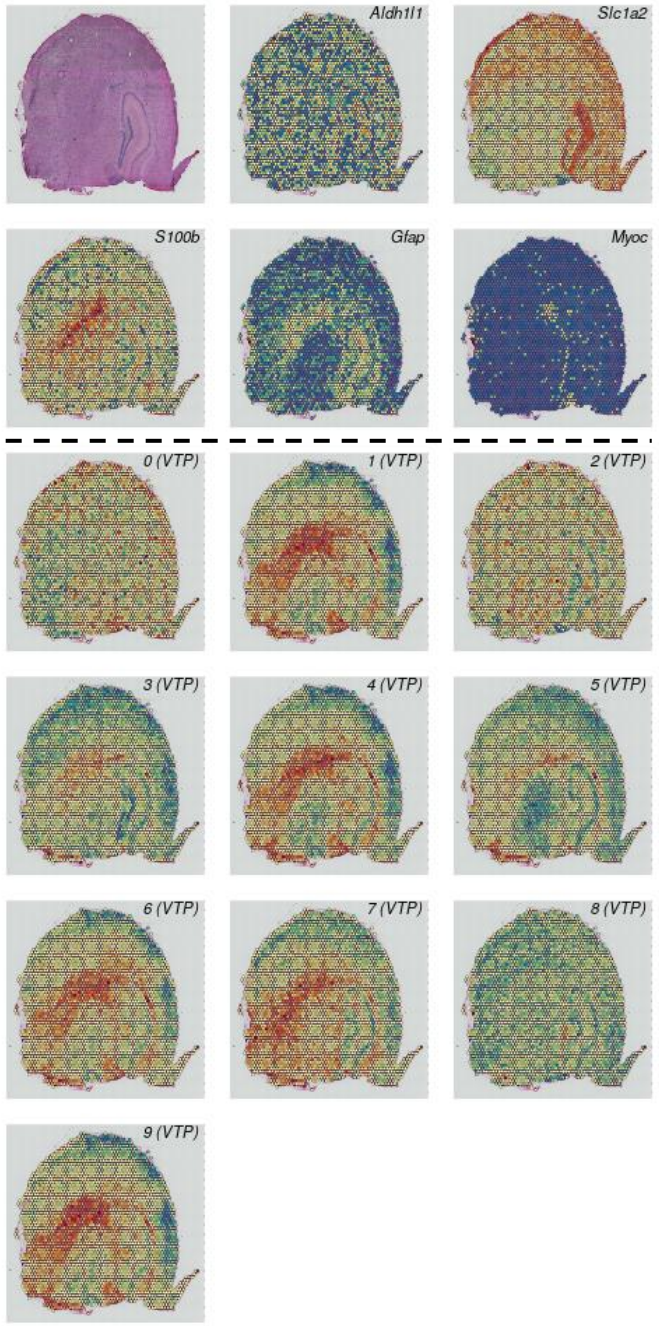


Fig.2d – Visium spatial transcriptomics plots



Astrocyte marker genes

Cluster 0-9 modules

Fig. 4 – LPS super-responder cluster that resides in the white matter (replication)

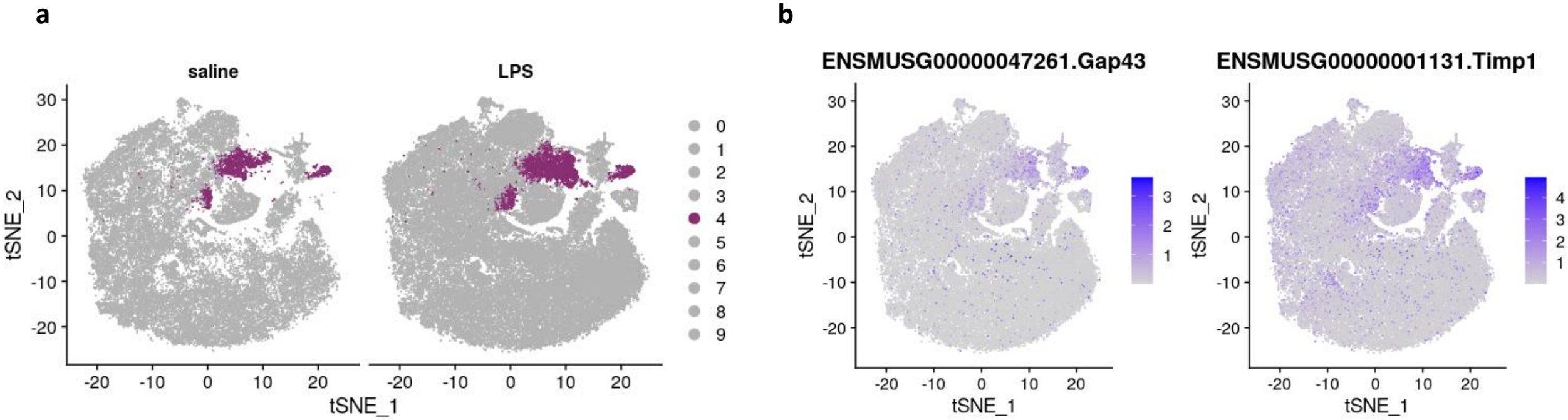


Fig. 4 – LPS super-responder cluster that resides in the white matter (replication)

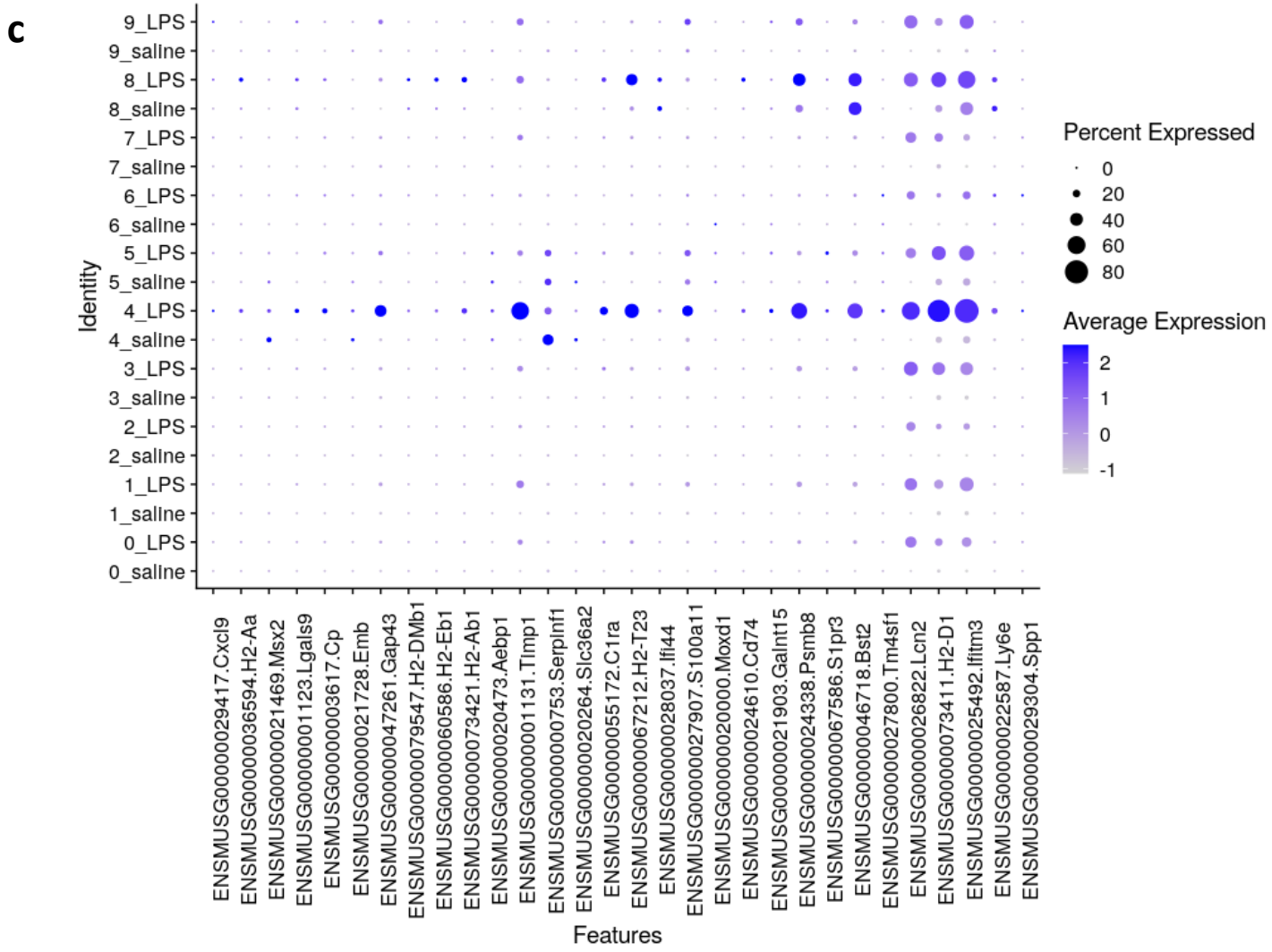
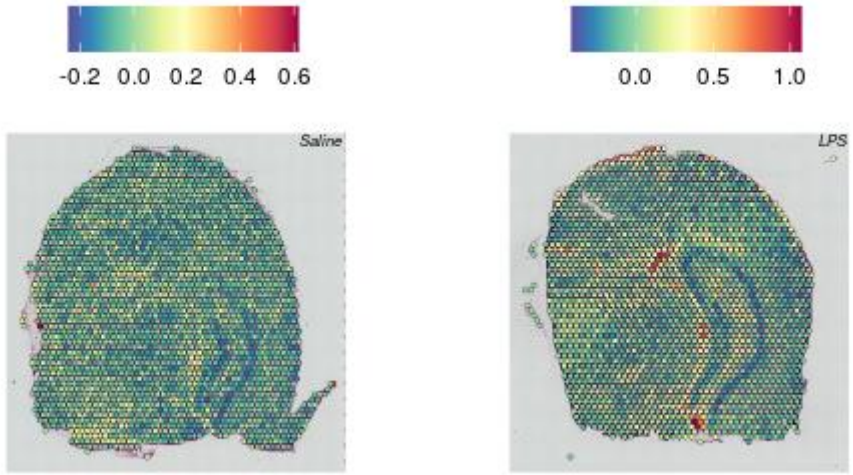


Fig. 4 – LPS super-responder cluster that resides in the white matter (replication)

d



Saline LPS

f

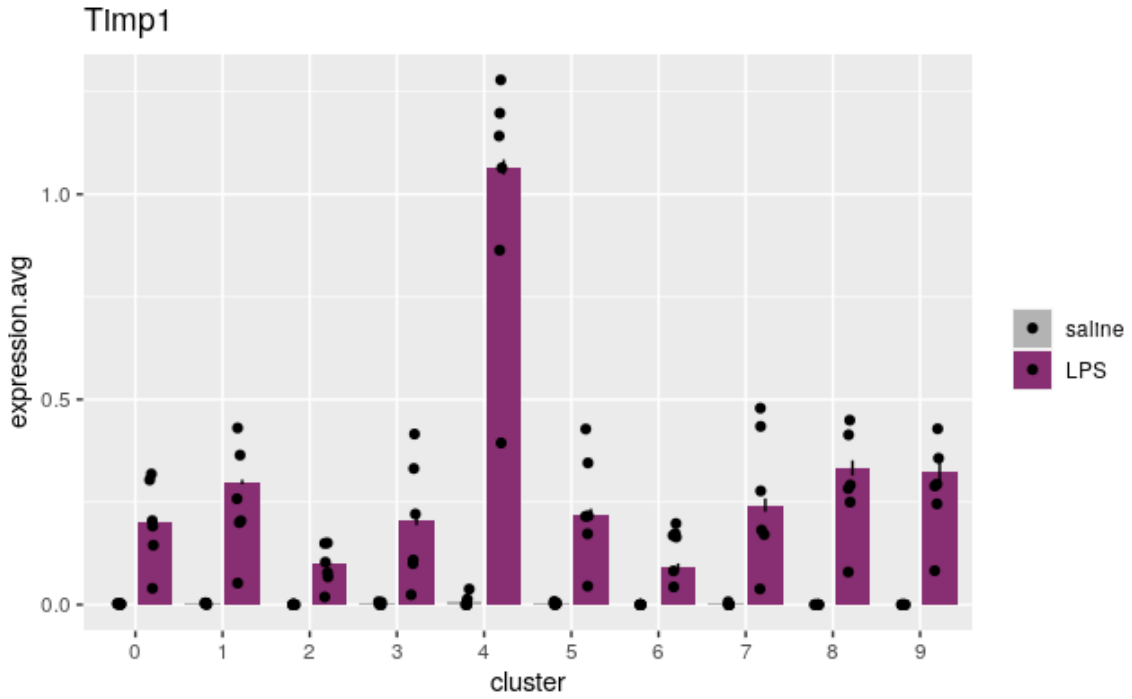


Fig. 5 – LPS super-responder cluster associated with the brain surface (replication)

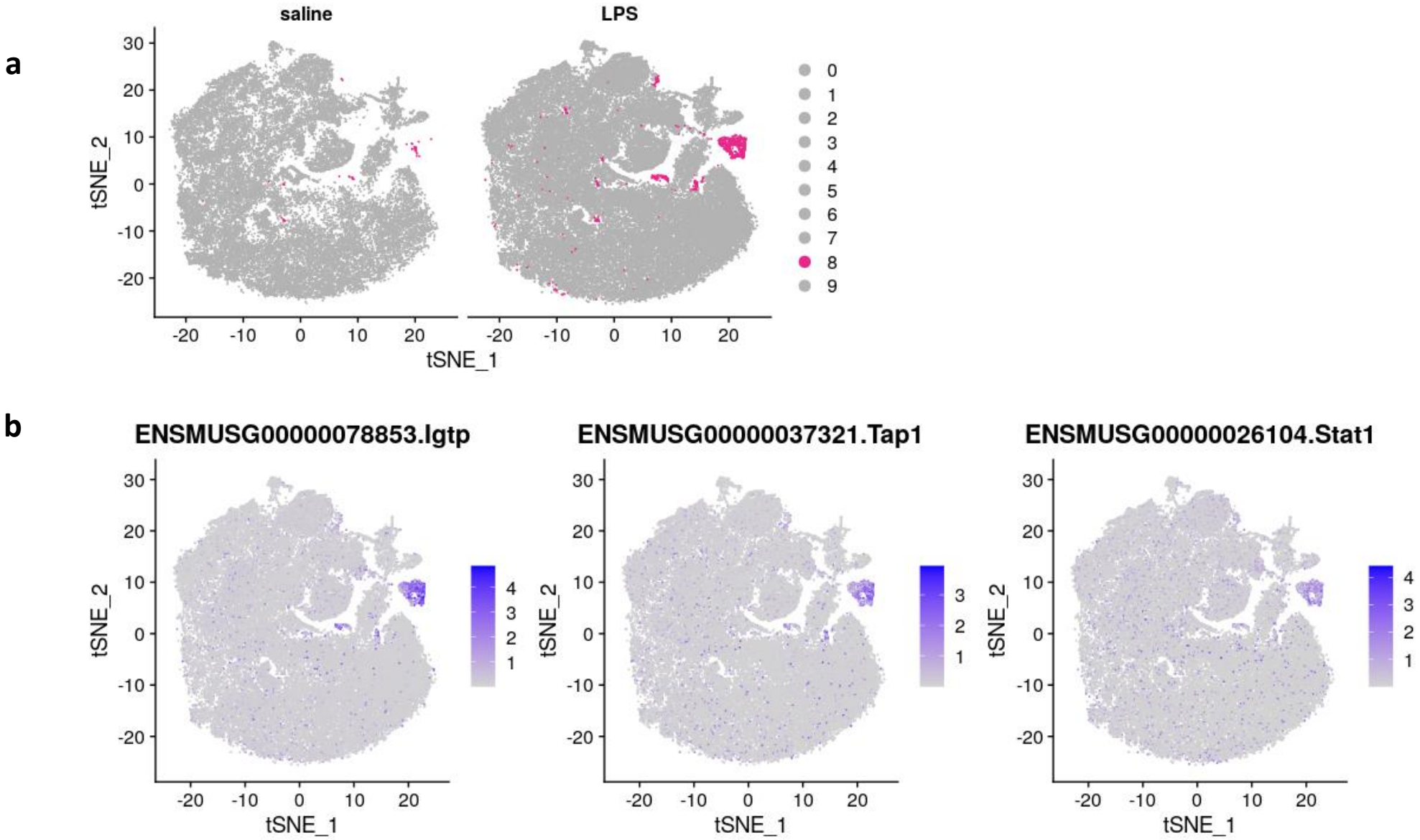


Fig. 4 – LPS super-responder cluster that resides in the white matter (replication)

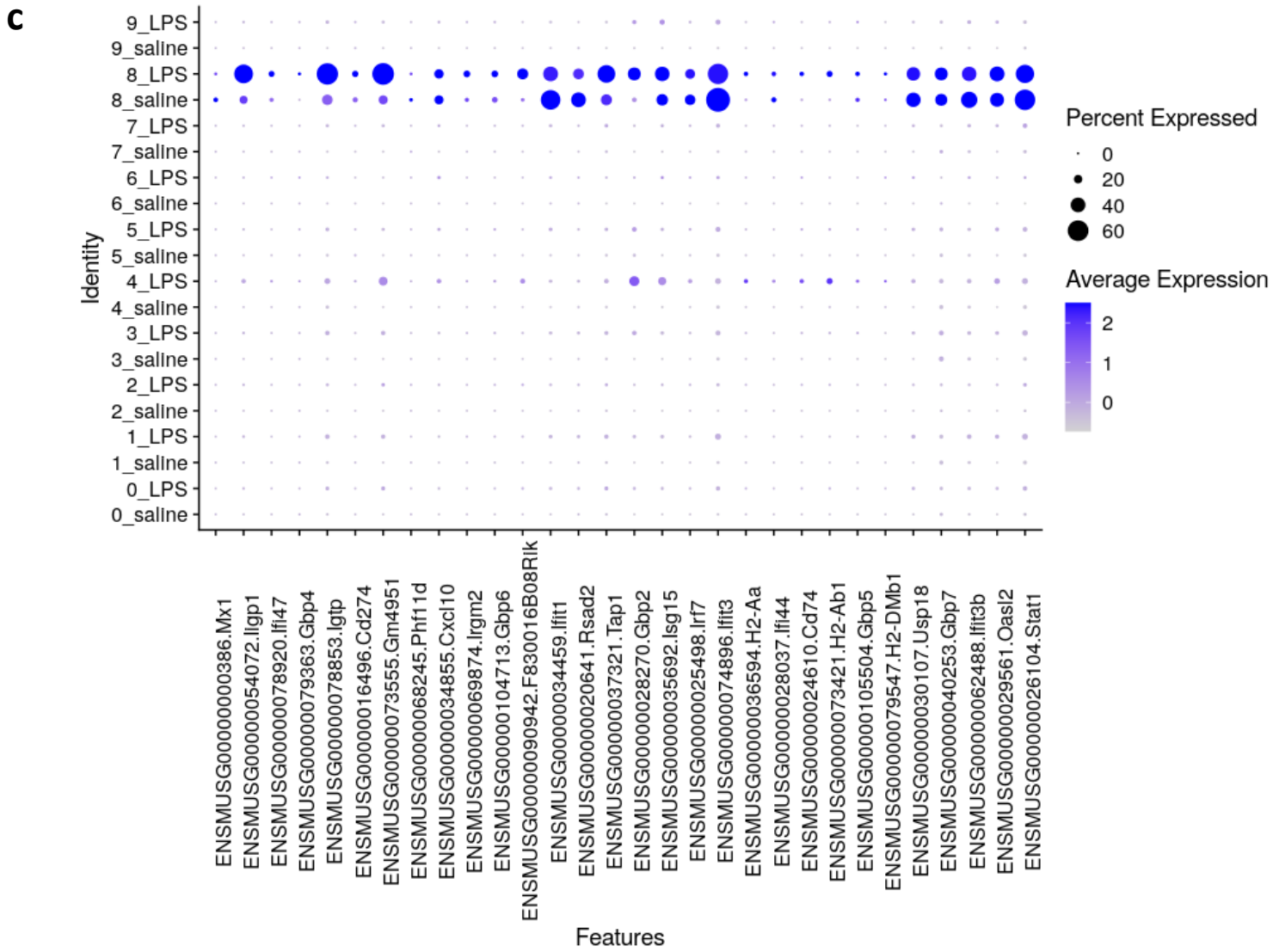
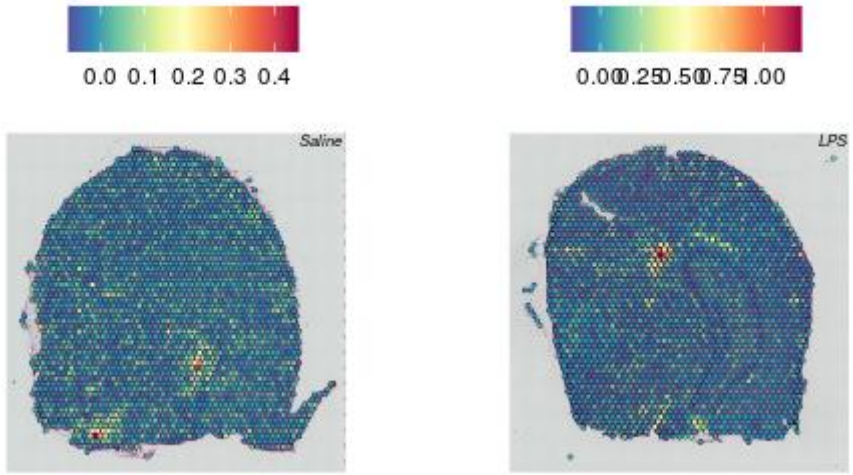


Fig. 4 – LPS super-responder cluster that resides in the white matter (replication)

d



Saline LPS

f