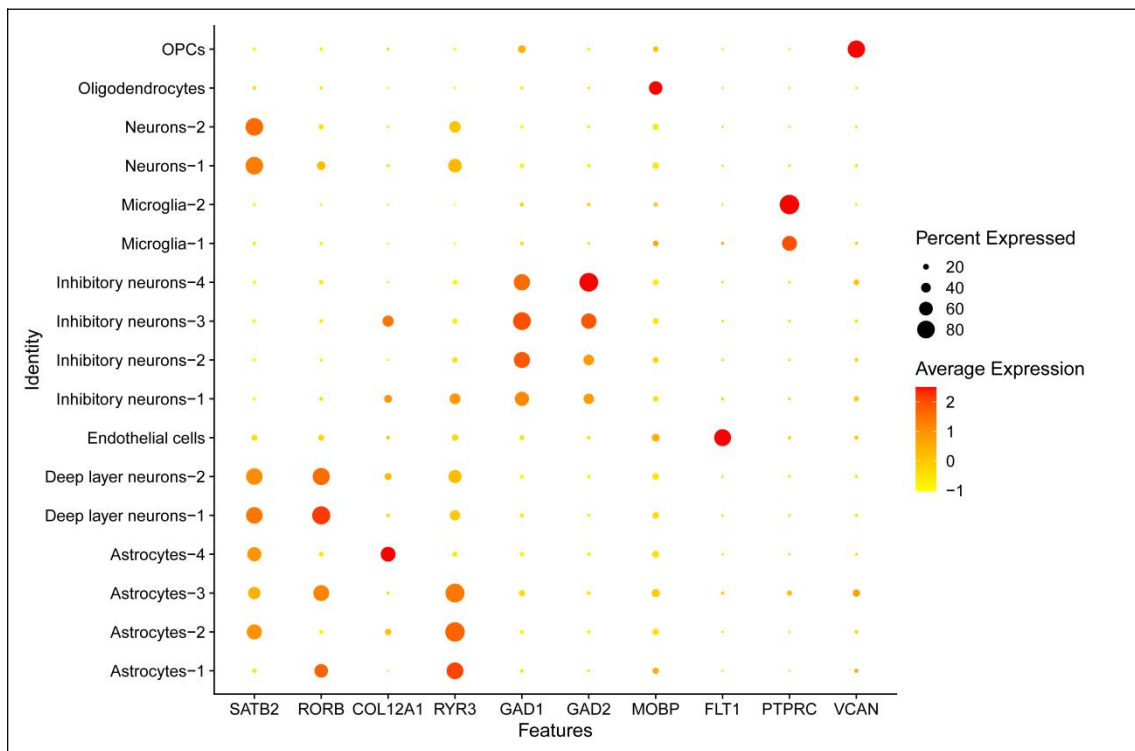


			Step1				Step2	Step3	Step4	Step5	Step6	
	Biological Replicates	Technical Replicates	Cq-Tar	Average Cq-Tar	Cq-Ref	Average Cq-Ref	$\Delta$ CqTar-Ref	Average $\Delta$ CqTar-Ref	$\Delta \Delta$ Cq(Tre-Ave)	Expression	Average Expression	STD
Control	1	I	30.382	30.349439	19.857	19.90928141	10.440158	9.954563565	0.48559401	0.714202947		
		II	30.270		19.964							
		III	30.396		19.907							
	2	I	29.853	29.748592	19.924	20.02661514	9.7219766		-0.232587	1.174939903		
		II	29.780		20.068							
		III	29.612		20.088							
	3	I	29.008	28.888577	19.071	19.18702062	9.7015565		-0.253007	1.191688391		
		II	28.948		19.313							
		III	28.710		19.176							
	4	I		#DIV/0!		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!		
		II										
		III										
Treatment	1	I	30.412	30.413366	21.428	21.52739461	8.8859717	NA	-1.0685919	2.097385218		
		II	30.251		21.569							
		III	30.577		21.585							
	2	I	28.457	28.49085	19.769	19.73717626	8.7536742		-1.2008894	2.298813418		
		II	28.575		19.714							
		III	28.441		19.728							
	3	I	30.282	30.453686	21.663	21.81633631	8.6373501		-1.3172135	2.491843534		
		II	30.407		21.958							
		III	30.672		21.829							
	4	I		#DIV/0!		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!		
		II										
		III										

Supplementary Figure 1. The mRNA expression of CD84 in brain tissue samples.

Supplementary Figure 1. The mRNA expression of CD84 in brain tissue samples.



Supplementary Figure 2. Cell type identification in the GSE268807 single-cell dataset.

Unsupervised clustering revealed major neural cell types defined by canonical markers: oligodendrocytes (MOBP), astrocytes (RYR3, COL12A1), microglia (PTPRC), OPCs (VCAN), and neuronal populations (SATB2, RORB) and inhibitory neurons (GAD1, GAD2).