

Table S1 Summarization of gene expression samples and groups.

Index	Sample	Group	Sample description
1	GSM241889	7	GC Oligodendrocytes (P16)
2	GSM241890	8	MOG Myelin Oligodendrocytes (P7)
3	GSM241891	7	GC Oligodendrocytes (P16)
4	GSM241892	7	GC Oligodendrocytes (P16)
5	GSM241893	8	MOG Myelin Oligodendrocytes (P16)
6	GSM241894	8	MOG Myelin Oligodendrocytes (P16)
7	GSM241895	6	PDGFRa OPCs (P16)
8	GSM241896	5	Neurons (P16)
9	GSM241897	5	Neurons (P16)
10	GSM241898	2	Astrocytes (P7)
11	GSM241899	4	Neurons (P7)
12	GSM241900	2	Astrocytes (P7)
13	GSM241901	4	Neurons (P7)
14	GSM241902	2	Astrocytes (P8)
15	GSM241903	4	Neurons (P8)
16	GSM241904	5	Neurons (P16)
17	GSM241908	5	Neurons (P26)
18	GSM241912	3	Astrocytes (P17)
19	GSM241914	3	Astrocytes (P17)
20	GSM241915	3	Astrocytes (P17)
21	GSM241916	6	PDGFRa OPCs (P17)
22	GSM241917	7	GC Oligodendrocytes (P17)
23	GSM241918	8	MOG Myelin Oligodendrocytes (P17)
24	GSM241919	3	Astrocytes (P30)
25	GSM241920	2	Astrocytes (P1)
26	GSM241922	4	Neurons (P7)
27	GSM241925	3	Astrocytes (P17)
28	GSM241926	3	Astrocytes (P17)
29	GSM314045	1	NSC (OG2/Rosa26)
30	GSM314046	1	NSC (OG2/Rosa26)
31	GSM314047	1	NSC (OG2/Rosa26)
32	GSM314048	1	NSC (OG2/Rosa26)
33	GSM457631	1	NSC (FVB/N)
34	GSM457632	1	NSC (FVB/N)
35	GSM457635	1	NSC (FVB/N)
36	GSM457636	1	NSC (FVB/N)

P: Postnatal age day