**Description of Additional Supplementary Files**

**File name:** Supplementary Data 1

**Description:** Astrocyte gene list used in Supplementary Figure 4a

**File name:** Supplementary Data 2

**Description:** Source Data for Figure 3d,e

**File name:** Supplementary Data 3

**Description:** Source Data for Figure 3f

**File name:** Supplementary Data 4

**Description:** Source data for Figure 1, 2, 4

**File name:** Supplementary Data 5

**Description:** Source data for Figure 3f: Differential gene expression