

### Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: : Differential expression analysis of the 15 patient-derived GB lines *versus* normal astrocytes (two-tailed Wald's likelihood test with Benjamini-Hochberg correction).

File Name: Supplementary Data 2

Description: Differential expression analysis of the 15 patient-derived GB lines *versus* OPCs (two-tailed Wald's likelihood test with Benjamini-Hochberg correction).

File Name: Supplementary Data 3

Description: Summary of Next Generation Sequencing data including ChIPseq, ATAC-seq, HiChIP and CUT&RUN.

File Name: Supplementary Data 4

Description: List of oligonucleotides used for ATAC-seq library preparation

File Name: Supplementary Data 5

Description: List of qPCR primers.