## **Description of Additional Supplementary Files**

**Supplementary Data 1** Analysis of the differentially expressed genes (DEGs) in electroporated organoids compared to non-electroporated organoids. 26 genes are up-regulated in electroporated organoids; 7 genes are down-regulated in electroporated organoids; log fold change (lfc) > 1, Count per Million average expression (CPM) > 3, Benjamini—Hochberg adjusted p-value (FDR)  $\leq$  0.05.

**Supplementary Data 2** Clinical and pathological features of the 36 primary MBs used for DNA methylation profiling. LC/A: large-cell anaplastic; SHH: Sonic Hedgehog; G3: Group3; G4: Group4.

**Supplementary Data 3** Classification according to the brain tumor classifier (<a href="https://www.molecularneuropathology.org/mnp">https://www.molecularneuropathology.org/mnp</a>) of the DNA methylation profiles from our MB-like organoids.