

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: **3D projection of infiltrating qProm1 in mouse TP tumors.**

Z-stack of TP-Cherry⁺ (red)/Prom1-Venus-p27⁺ (green) expressing cells in the infiltrating edge of TP-induced tumors in mouse brains.

File Name: Supplementary Movie 2

Description: **3D projection of infiltrating quiescent cells derived from TP-Cherry/Venus-p27 organoids transplanted in nude mice brain.**

Z-stack of TP-Cherry⁺ (red)/CAG-Venus-p27⁺ (green) expressing cells in the infiltrating edge of TP organoid-derived tumors in mouse brains.

File Name: Supplementary Data 1

Description: differential analysis between pediatric malignant non-cycling PROM1⁺ cells (PROM1⁺) and pediatric malignant non-cycling PROM1⁻ cells (PROM1⁻).

File Name: Supplementary Data 2

Description: differential analysis between pediatric malignant non-cycling PROM1⁺ cells (non-cycling) and pediatric malignant cycling PROM1⁺ cells (cycling).