

Supplementary figures

Novel, clinically relevant genomic patterns identified by comprehensive genomic profiling in ATRX-deficient IDH-wildtype adult high-grade gliomas

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Figure S1. (a) Comparison of age distribution (mean \pm standard deviation) and (b) Kaplan-Meier curves showing the percent overall survival depending on time elapsed after surgery of ATRX-deficient and ATRX-intact cases.

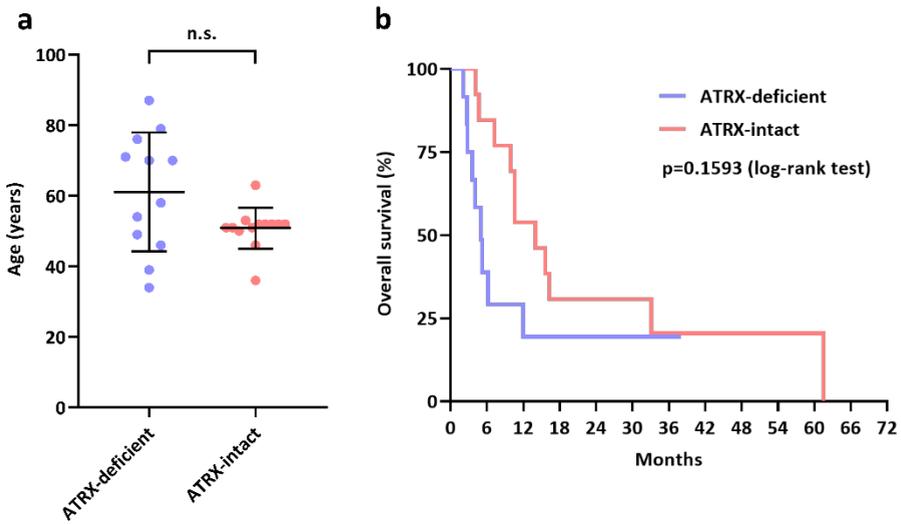


Figure S2. (a) Circos plot illustrating the fusions detected in our cohort (the plot was generated using CIRCOS). (b) Morphological features of case #2 with pilocytic astrocytoma-like features, including the presence of numerous Rosenthal fibers (black arrowhead) (scale bar: 50 μ m). The insert shows the result of FISH analysis demonstrating the presence of *KIAA1549::BRAF* fusion in a tumor cell (probe colors: red: *BRAF*, green: *KIAA1549*, blue: *HIPK2*). (c) Representative image demonstrating the morphology of case #16 harboring *FGFR3::TACC3* fusion according to CGP.

