

Supplemental Material to:

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**Inhibition of Notch signaling alters the phenotype of
orthotopic tumors formed from glioblastoma multiforme
neurosphere cells but does not hamper intracranial tumor
growth regardless of endogene Notch pathway signature**

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<http://dx.doi.org/10.4161/cbt.28876>

<http://www.landesbioscience.com/journals/cbt/article/28876/>

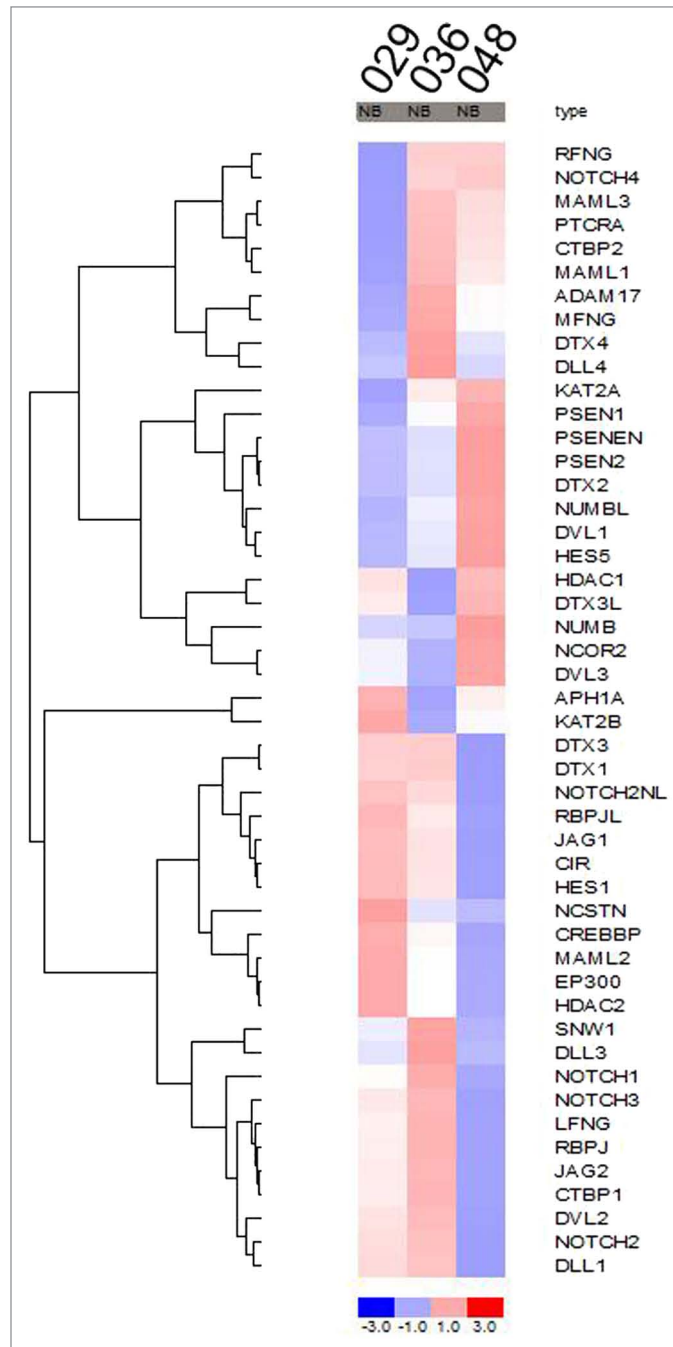


Figure S1. Gene expression analysis revealed different Notch signatures between the GBM neurosphere cultures investigated. Heat map showing the expression of all Notch components from the “KEGG Notch signaling pathway” gene set downloaded from the “Molecular Signature Database v3.1” at <http://www.broadinstitute.org/gsea/msigdb/index.jsp>. The colors represent the standard deviation in expression level relative to the mean expression of the respective gene in the three samples respectively.

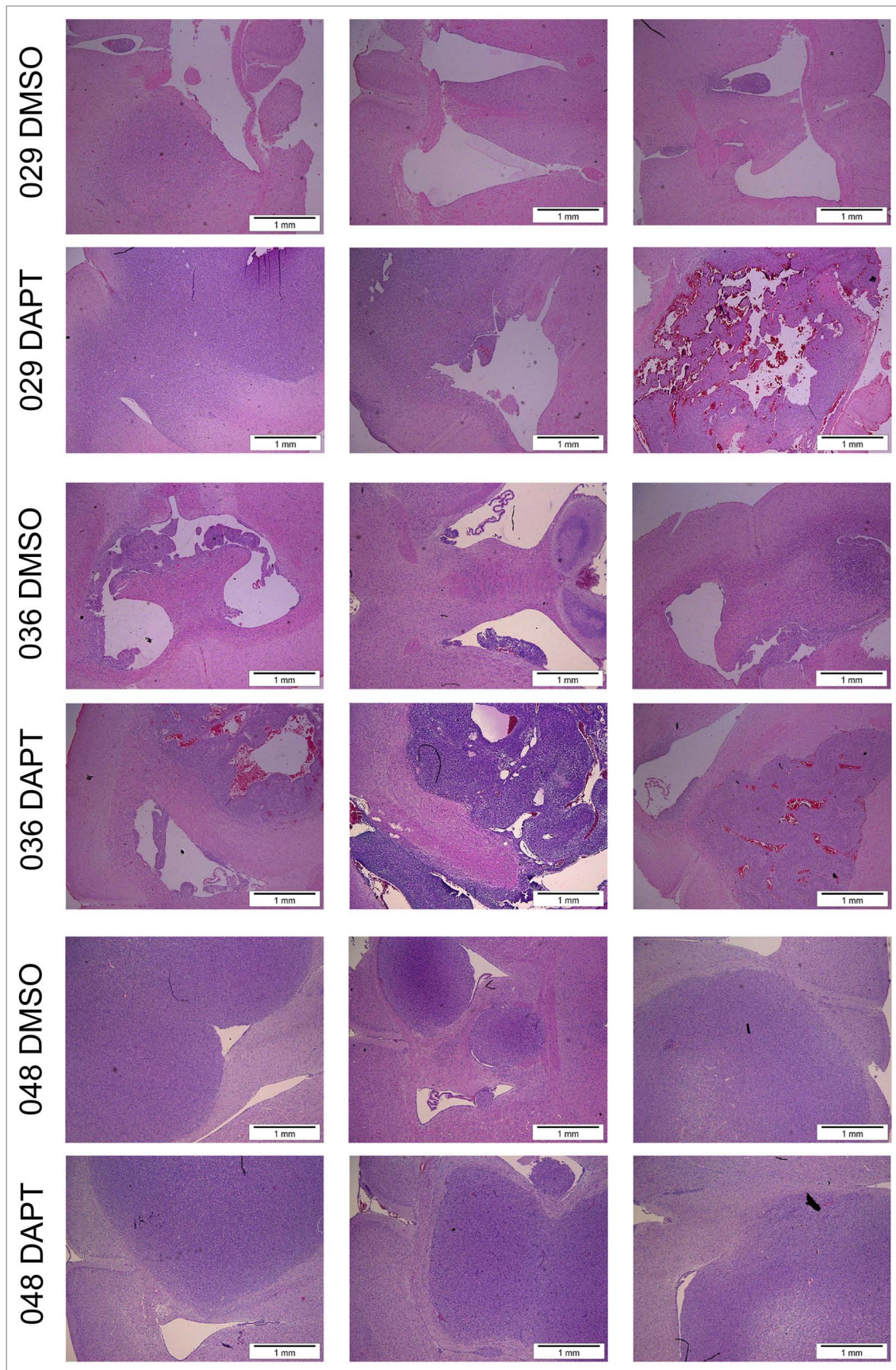


Figure S2. H&E pictures of the tumors evaluated by IHC. H&E of formalin-fixed, paraffin-embedded brains with tumors from each treatment group of the three tumor-types. Scale bar shows 1 mm.

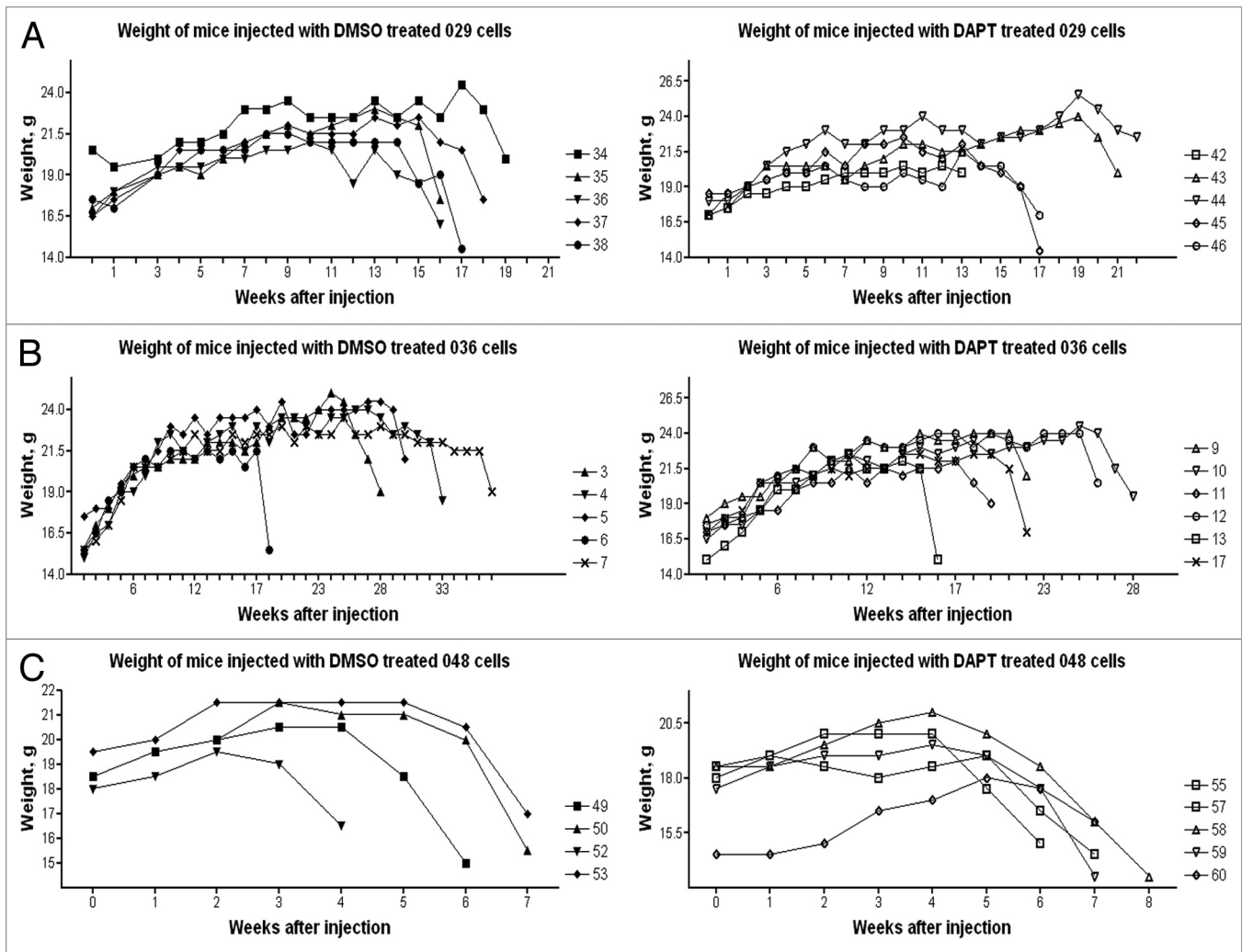


Figure S3. Weight curves of the individual mouse throughout the experiment period. Each individual mouse was monitored and weighted frequently during the experiment and was euthanized when it showed tumor related symptoms or considerable weight loss.