



SUPPLEMENTARY FIG. S5. Validation of genes related to mitotic catastrophe. (A) RT-qPCR analysis of RNA from WT, SKO, and DKO mice brain with primers to specific genes. Values represent mean \pm SD of three independent samples. (B) NSCs from WT and *Foxo3a*^{-/-} *Fancd2*^{-/-} DKO mice were treated with the Aurora B inhibitor Reversine (5 μ M) for 48 h, and the size and number of the neurospheres were analyzed 2 days later. (C) NSCs from WT and *Foxo3a*^{-/-} *Fancd2*^{-/-} DKO mice were transfected with pcDNA5-BubR1. The neurosphere size and number were measured 4 days later. Scale bar represents 100 μ m. * p < 0.05 and *** p < 0.001. RT-qPCR, real-time quantitative polymerase chain reaction.