



SUPPLEMENTARY FIG. S6. DKO NSCs display mitotic catastrophe. (A) E16.5 days brain sections stains by γ -H2AX. *Left panel* scale bar: 100 μ m. *Right panel* scale bar: 20 μ m. (B) E16.5 days brain sections stains by pHH3. Scale bar represents 100 μ m. (C) E16.5 days brain sections stains by A-casp3 (indicated by *arrows*). Scale bar: 100 or 20 μ m (*Enlarge*). (D) Primary neurospheres formed by the indicated NSCs were stained by DAPI for nuclear DNA. Cells with micronuclei are interpreted as mitotic catastrophe (indicated by *arrows*). Scale bar represents 15 μ m. *Panels* with quantification are presented as mean \pm SD from three independent experiments with $n = 5$ for each genotype. * $p < 0.05$; ** $p < 0.01$; and *** $p < 0.001$. A-casp3, active-caspase-3; pHH3, phospho-histone H3.