

Overexpression of BRCA1 in neural stem cells enhances cell survival and functional recovery after transplantation into experimental ischemic stroke

Pengfei Xu^{a,#}, Xiaolei Shi^{b,c,#}, Xiaohao Zhang^{d,#}, Qian Liu^a, Yi Xie^a, Ye Hong^a, Juanji Li^a, Mengna Peng^a, Xinfeng Liu^a, Gelin Xu^a

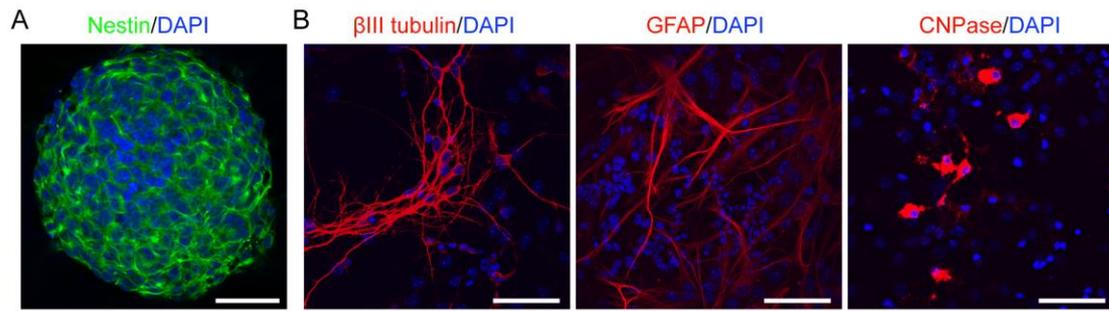


Figure S1 (A) Immunofluorescence identification of NSCs with anti-Nestin. (B) Fluorescence images of differentiation-induced NSCs stained with anti- β III tubulin (neuron marker), anti-GFAP (astrocyte marker), or anti-CNPase (oligodendrocyte marker). Scale bar: 50 μ m.

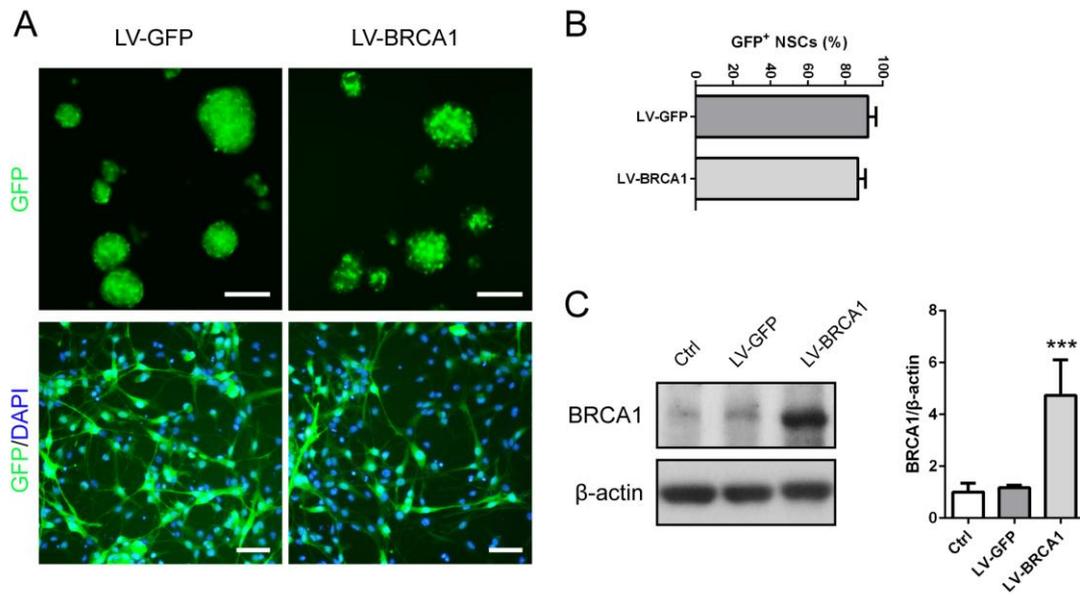


Figure S2 Transfection efficiency of LV-BRCA1 was detected in NSCs.

(A, B) GFP-positive transfected NSCs in LV-GFP and LV-BRCA1 group with quantification. (B) Western blot and quantitative analysis of BRCA1 72 h after transfection. Data are expressed as mean \pm SD; n = 5. *** p < 0.001 vs control group.