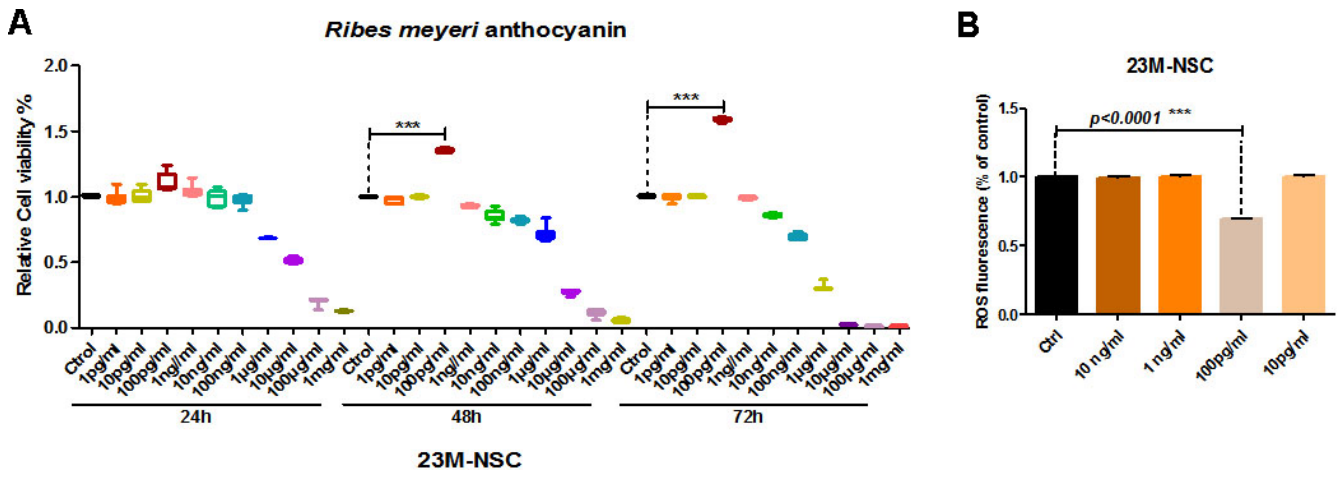
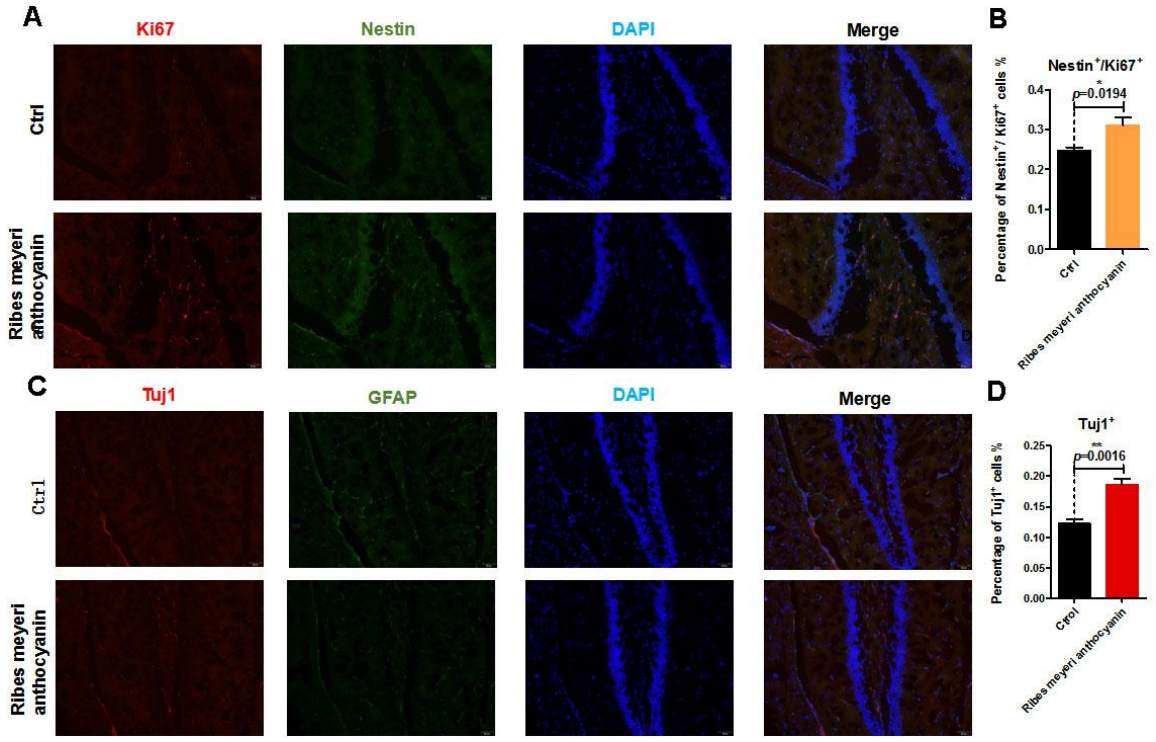
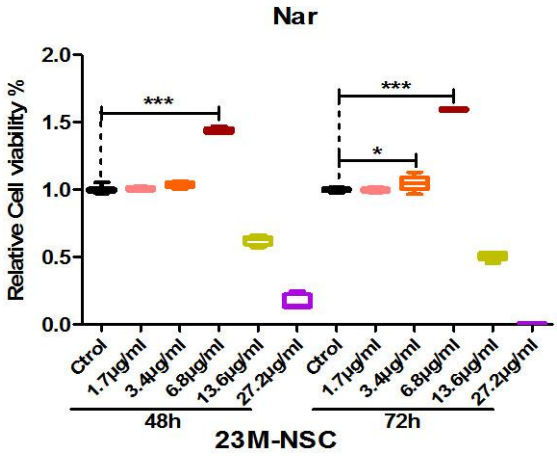
SUPPLEMENTARY FIGURES



Supplementary Figure 1. *Ribes meyeri* anthocyanin concentration screening. (**A**) Optimal concentration of *R. meyeri* anthocyanins for promoting mouse neural stem cell (mNSC) proliferation. (**B**) Effects of 48 h of *R. meyeri* anthocyanin treatment on reactive oxygen species (ROS) levels. Data are presented as the mean ± SD of three independent experiments. **P* < 0.05, ***P* < 0.01, and ****P* < 0.0001 compared with untreated cells.



Supplementary Figure 2. *Ribes meyeri* anthocyanin treatment enhances the number of neural stem cells and neurons in mice *in vivo*. (**A**) Representative immunofluorescence images of nestin, Ki67, and nuclear (DAPI) staining in hippocampal regions of treated mice. (**B**) Percentage of nestin-/Ki67-positive cells in the hippocampus. (**C**) Representative immunofluorescence images of TuJ1, GFAP, and DAPI staining in hippocampal regions of treated mice (scale bar, 50 μm). (**D**) Percentage of TuJ1-positive cells in the treated groups, normalized to controls. Data are presented as the mean ± SD of three independent experiments. **P* < 0.05, ***P* < 0.01, and ****P* < 0.0001 compared with untreated mice.



Supplementary Figure 3. Naringenin (Nar) promotes cell viability of mouse neural stem cells (mNSCs) as determined by CCK-8 assay. Data are presented as the mean ± SD of three independent experiments. **P* < 0.05, ***P* < 0.01, and ****P* < 0.0001 compared with untreated cells.