



Additional Figure 1 H₂S promotes the expression of Ki67 in SVZ after MPTP-induced injury, but no significant effects on the expression of Ki67 in NaHS treatment alone.

(A) Immunofluorescence staining for Ki67-positive proliferating cells (red, stained by fluorescein isothiocyanate) in SVZ (original magnification 10 \times , scale bar: 40 μ m). (B) Quantitative data for Ki67-positive cells. Data are presented as the mean \pm SEM (n = 6). ***P < 0.001, vs. saline group; ###P < 0.001, vs. MPTP group (one-way analysis of variance followed by Tukey's multiple comparison test). All samples were detected repeatedly in three independent experiments. H₂S: hydrogen sulfide; MPTP: 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine; NaHS: sodium hydrosulfide, a donor of H₂S; SVZ: subventricular zone.