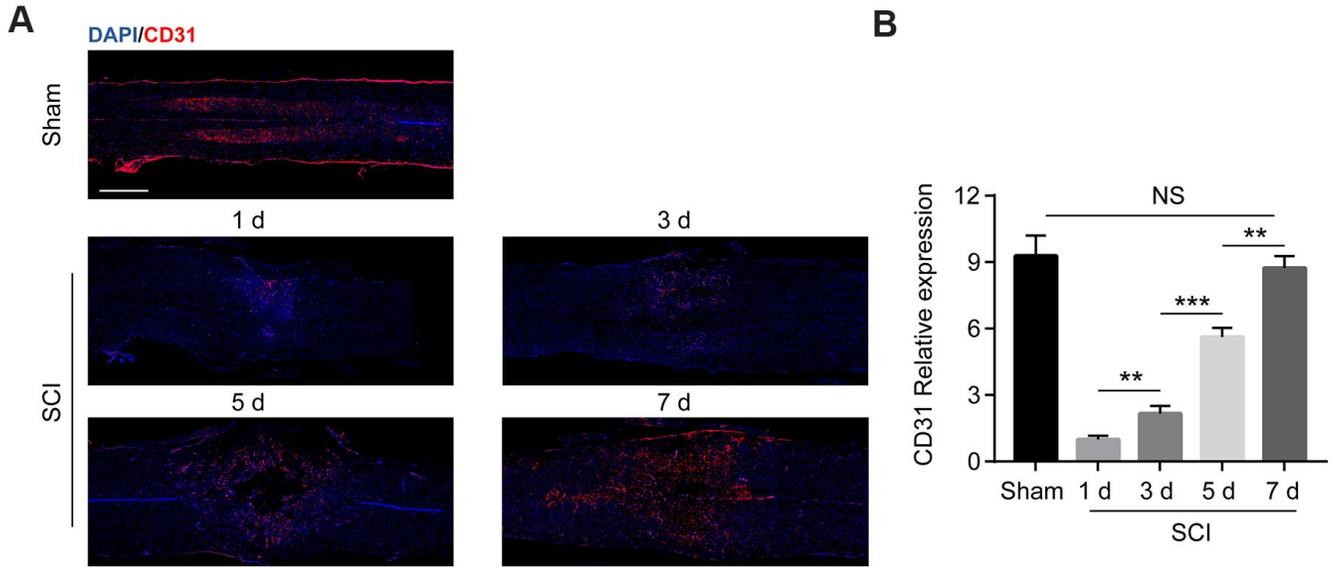
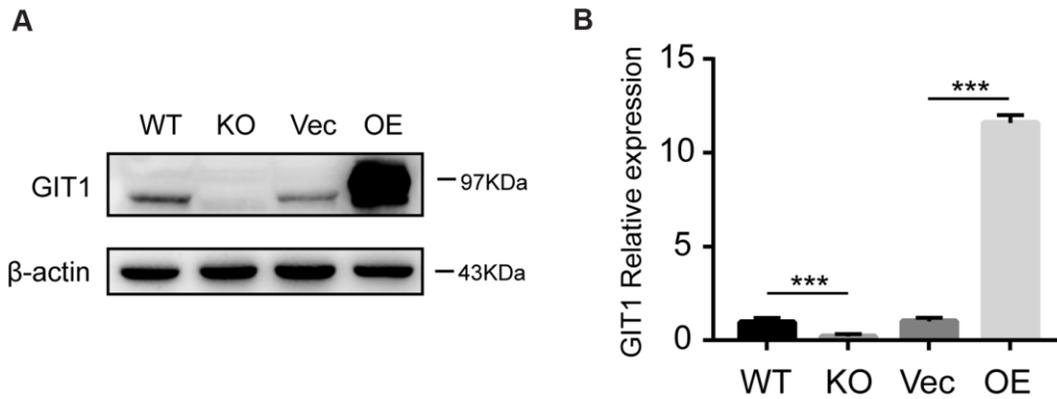


SUPPLEMENTARY FIGURES



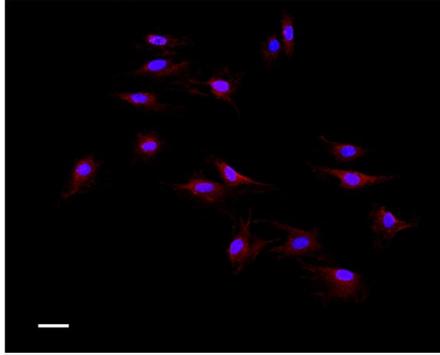
Supplementary Figure 1. Quantification of microvessels in spinal cords after SCI or sham surgery. (A, B) Representative immunofluorescence images for CD31 (red) and quantification at different time points after SCI or sham surgery. Nuclei were stained using DAPI (blue). Bar, 500 μ m. N = 6 animals per group. NS represents no significance, **p < 0.01, ***p < 0.001.



Supplementary Figure 2. The efficiencies of GIT1 knockout and overexpression. (A, B) The knockout and overexpression efficiencies of GIT1 in BMECs were confirmed by western blotting. N = 5 in each group. ***p < 0.001.

A

DAPI/CD31



Supplementary Figure 3. The purity of isolated BMECs. (A) Anti-CD31 antibody staining identifying the purity of isolated BMECs. Nuclei were stained using DAPI (blue). Bar, 50 μm .