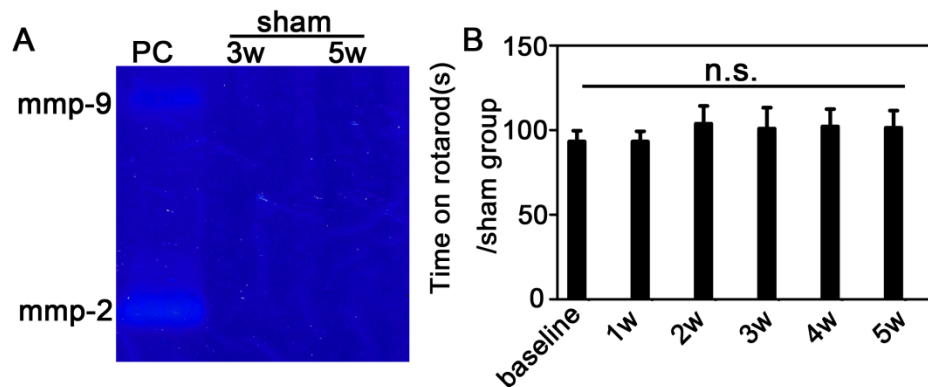


SUPPLEMENTARY MATERIAL



Supplementary Fig. 1. Zymogram and rotarod assay of the sham mice.

(A) Zymogram detected no MMP-9 and MMP-2 activities in mice at 3 and 5 weeks after sham operation. PC: positive control (mouse MMP-9 and MMP-2 protein mixtures). **(B)** Time on rotarod for mice of sham group at baseline and 1 to 5 weeks after tMCAO. n.s.= no significance.