Electronic Supplementary Materials

Cortical Inflammation is Increased in a DSS-Induced Colitis Mouse Model

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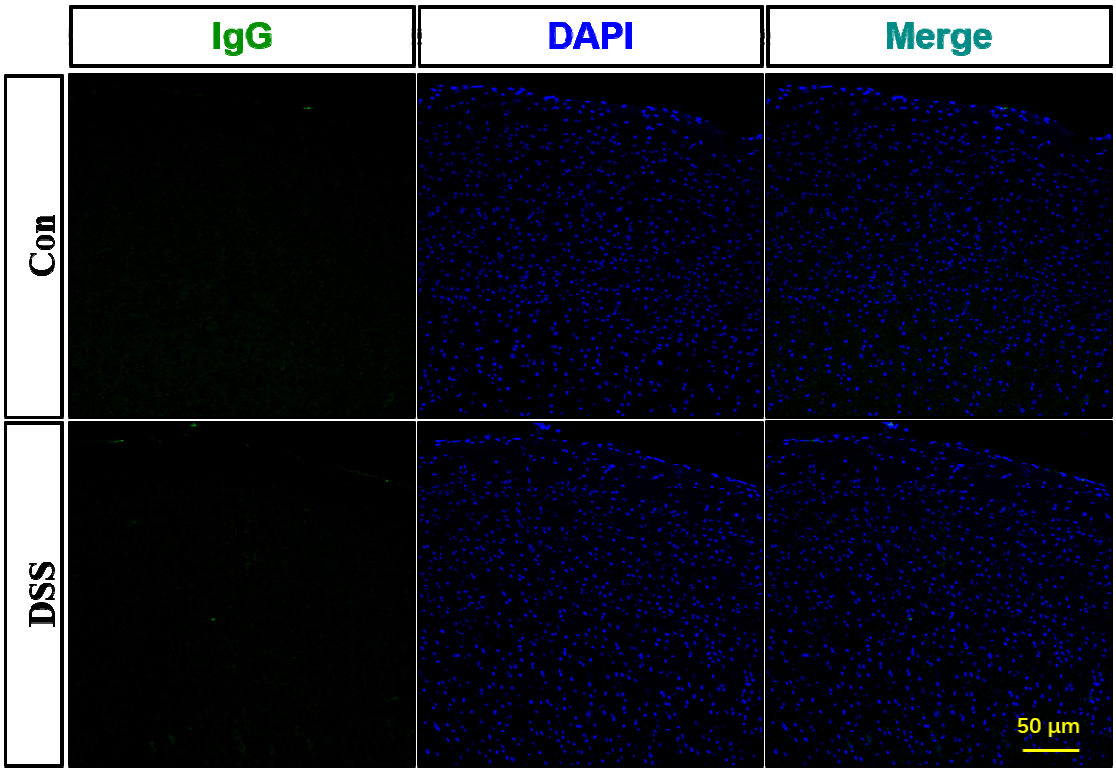

Fig. S1 Representative images of Immunofluorescence staining for endogenous IgG proteins in cortex on day 7 after DSS treatment. There was no significant difference in the content of IgG in the cerebral cortex.

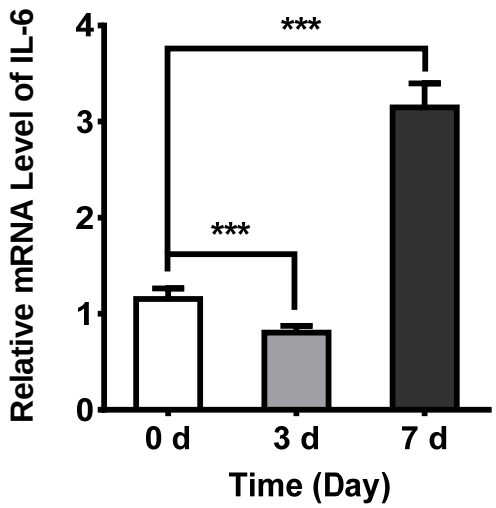

Fig. S2 Effects of DSS-induced colitis on the mRNA levels of IL-6 in cortex on day 3 and day 7. The IL-6 level was significantly increased in the DSS-induced group on day 7 (***$P < 0.001$; $n = 4$/group), as revealed by Q-PCR.

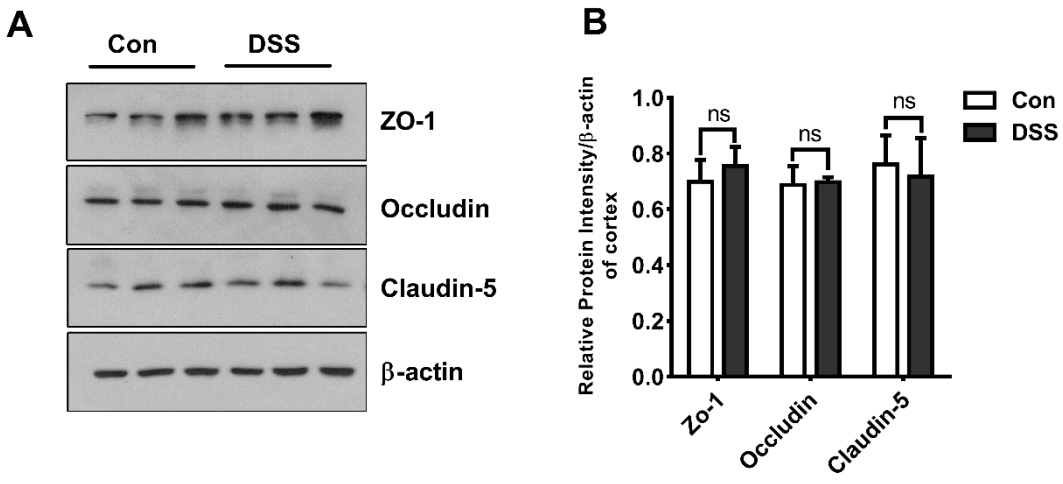

Fig. S3 Effects of DSS-induced colitis on the levels of ZO-1, Occludin and claudin-5**.** Western blots (**A**) and analysis (**B**) showed that 5% DSS treatment for 3 days did not change the levels of ZO-1, Occludin and claudin-5 in mouse cortex ($n = 3$/group).