



**Supplementary figure** Endoplasmic reticulum stress markers are downregulated in mice induced with dextran sodium sulfate after infection. A-D: The expression of IRE1 $\alpha$ , IRE1 $\beta$ , GRP78 and CHOP in colon tissues was examined by RT-PCR.  $n = 3$ . DSS: Dextran sodium sulfate treatment alone; CER + DSS: Infection with *S. japonicum* before DSS treatment; CER: *S. japonicum* infection alone.