Supplementary data Fig. S1. Representative images of histopathological lesions in the colon of control (A) and DSS-CT (B) groups. Depletion of goblet cells (arrowheads) was observed in the DSS-CT group (Periodic acid–Schiff stain). Scale bar = 200 μm

Supplementary data Fig. S2. Mice survival and colon length analyses. Thirty mice were divided into six groups (n = 5 mice per group) and pretreated with 0.5% or 1% dextran sulfate sodium (DSS), or normal drinking water (DW) for 1 week, and subsequently inoculated with $1.6 \times 10^8$ (low) or $1.6 \times 10^9$ (high) CFU of C. rodentium (CT). (A) Mice survival was monitored daily for 16 days. All mice, except 3 mice belonging to the 1% DSS and high CT group, were alive until the end of the experiment. (B) Length of the colon was measured after the experiment. The data are expressed as the mean ± SD (*$P < 0.05$, compared to other groups except 1% DSS and high CT group).