

SUPPLEMENTARY FIGURE TO

Bacteria penetrate the inner mucus layer before inflammation in the Dextran sulfate colitis model

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Figure S1. Scoring system for the evaluation of bacterial penetration of the inner mucus layer. Sections of colon from the DSS treated animals and controls were stained for Muc2 (green, left panels) and DAPI (blue, middle panel) to visualize DNA including bacteria. The right panel shows the merge. The scoring of bacterial penetration of the mucus was from 0 to 5. No bacteria into the inner mucus layer were set to score 0 and massive contact between bacteria and epithelium was set to 5. Intermediate scores were set according to the pictures.

