Supp. Fig 2: Characteristics of microbiota biofilm in healthy colonic tissues of rodents

Fluorescent *in situ* hybridization (FISH) was performed with EUB338-Cy3, a fluorescent probe specific for bacterial 16S rRNA. Host nuclei were coloured in red (4’,6-diamidino-2-phenylindole, DAPI), and FISH positive cells in green. Pictures are representative of FISH staining (panel A), Gram’s staining (panels B and E), periodic acid Schiff-alcian blue (PAB; panel F) in rats. Overexposed DAPI staining (panel C) and PAB (panel D) in contiguous sections of mouse colon tissue is presented. The asterisk denotes bacterial biofilm, and “#” denotes the mucus layer. Dashed lines represent the limit of host mucosa. Scale bar represents 5 µm (panel A and B) or 50 µm (panels C, D, E and F).