



**Figure S2. Acute TNF- $\alpha$ -induced apoptosis in the intestine is not affected by modulation of the microbiota.** (A) Fecal flora of wild-type mice on normal drinking water or on drinking water supplemented with broad spectrum antibiotics (200  $\mu$ g/ml ampicillin, 50  $\mu$ g/ml Primaxin) for 10 days. Fecal flora were plated on MacConkey agar (pink) and Rose agar (red). (B) Time course of caspase 3 cleavage induced by TNF- $\alpha$  as determined by quantitative western blotting in the duodena of wild-type mice after antibiotic treatment above (broken line) or normal drinking water (solid line). Data are normalized to the peak signal of the wild-type control. Error bars represent the SEM for 3 mice.