

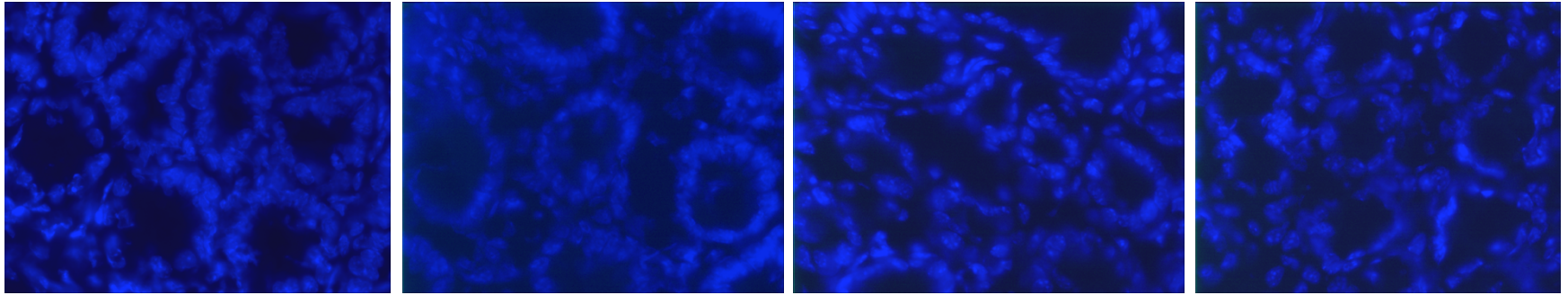
**A**

Small Intestine

Cecum

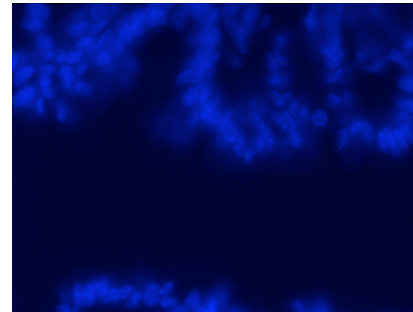
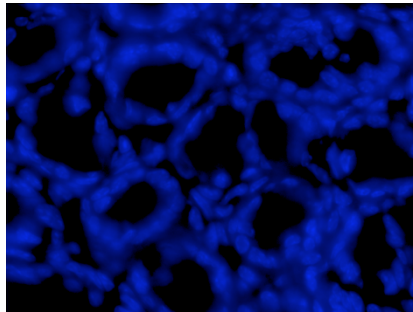
Proximal Colon

Distal Colon

**B**

Proximal Colon

Luminal section



**Figure S1:** (A) : FISH using the no-bacteria probe on different sections of the intestine of C57Bl/6 mice. (B) : FISH with the pan-bacteria probe Eub338 at the proximal colon and the lumen of germ-free C3H/HeN mice.