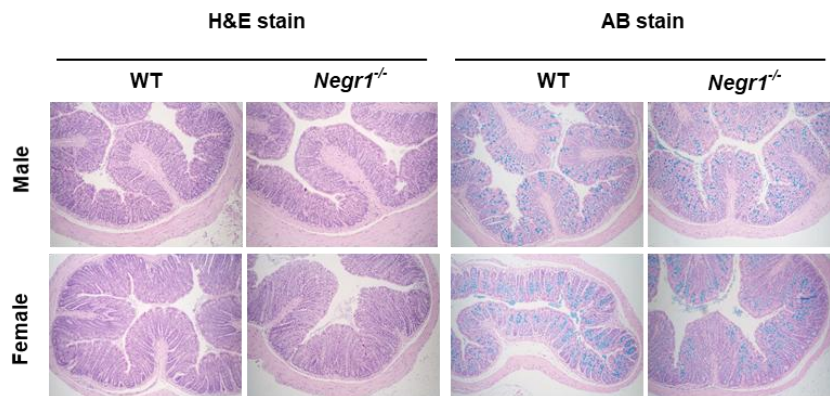
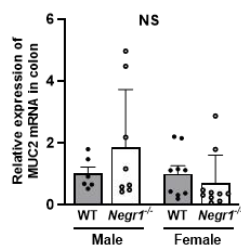
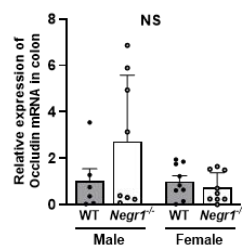
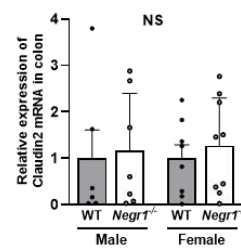
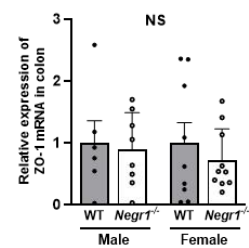


A**B****C****D****E**

Supplementary figure 1. Structural status and tight junction expression of the large intestine. (A) Representative images of H&E and AB staining of the colon from WT and *Negr1*^{-/-} mice. Scale bar, 100 μm. (B-E) Expression of MUC2, Occludin, Claudin2 and ZO-1 mRNA in colon tissues measured by RT-qPCR.