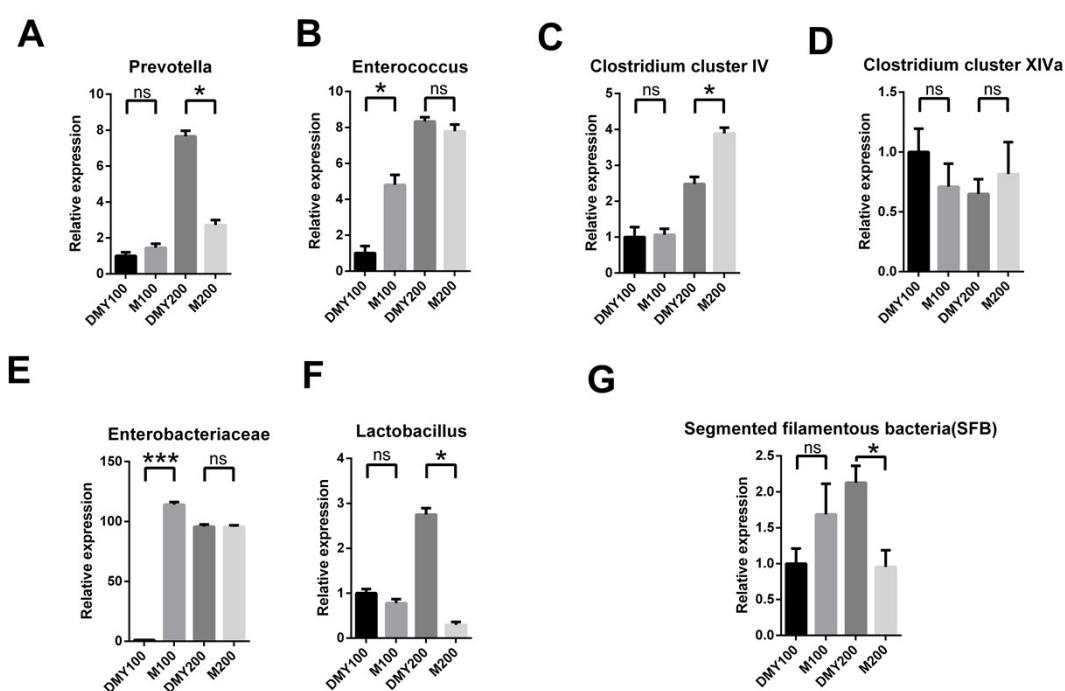


primer	Sequence 5'to3'	size	type
WTF	GCCATCCCTTCACGTTAG	600b	C57BL/6J wild-type
WTR	TTCCACTTTGGCATAAGGC	p	
APCR	TTCCACTTTGGCATAAGGC	340b	Apc min/+ (C57BL/6J) mutation mice
APCF	TTCTGAGAAAGACAGAAGTTA	p	

Supplemental Table 1 Specific primers used to characterize the WT and Apc mutant mice



**Supplemental Figure 1.** Gut microbial qPCR of (A) *Prevotella*, (B) *Enterococcus*, (C) *Clostridium* cluster IV, (D) *Clostridium* cluster XIVa, (E) *Enterobacteriaceae*, (F) *Lactobacillus* and (G) Segmented filamentous bacteria(SFB). n=5-6.  $P < 0.05$ ; \*\*  $P < 0.01$ ; \*\*\*  $P < 0.001$ ; ns, No Significance (as determined by the Unpaired non-parametric Mann-Whitney test).