



Figure S1. Molecular characterization of 5-wk-old Winnie-APC^{Min/+} distal colon. (a) Venn diagram reported qPCR data obtained comparing Winnie-APC^{Min/+}, Winnie and APC^{Min/+} relative to WT mice. (b) Histogram indicates relative expression of 10 specifically up-regulated genes in Winnie-APC^{Min/+} (white bars) versus WT mice (black bars) (n=4 animals/group). Histogram represents the mean ± SEM. *p<0.05, **p<0.01.

Table S1. Fertility data relative to the breeding strategy of Winnie and Winnie-APC^{Min/+} mice.

Breeders Genotype	Breeding pairs (n)	Litters (n) ±SD	Mean Litter Size
M Winnie ^{+/-} x F Winnie ^{+/-}	23	54 ± 3.3	6
M Winnie ^{+/-} APC ^{Min/+} x F Winnie ^{+/-}	31	40 ± 1.3	5.2