



S13 Fig. Expression of α -SMC actin and collagen deposition in the small intestinal wall at 6 months after irradiation. A) Immunoblotting to determine levels of α -SMC actin corrected for the loading control GAPDH. Means and SD of the statistical model are shown; $n=6$ mice per group. **B)** Collagen deposition as measured from Sirius Red histology. Means and SD of the statistical model are shown; $n=8$ wild-type males in 0 Gy, 12 wild-type males in 9.5 Gy, 8 APChi males in 0 Gy, 10 APChi males in 9.5 Gy, 8 wild-type females in 0 Gy, 5 wild-type females in 9.5 Gy, 10 APChi females in 0 Gy, and 9 APChi females in 9.5 Gy. The short bracket indicates a significant difference between 0 Gy and 9.5 Gy. The wider bracket indicates that the effect of radiation in wild-type mice is significantly different from the effect of radiation in APChi mice.