



Figure S6

Figure S6: Visualization of Paneth cells and Stat3 activation in regenerating mouse intestines. (A-C) Paneth cells labeling by anti-Lysozyme immunostaining of small intestines from unirradiated control and irradiated control and *AhCre; Src^{fl/fl}* mice. (D) Quantification of the percentage of Paneth cells per crypt in control and *AhCre; Src^{fl/fl}* mice before and after irradiation. Knocking out *Src* from the intestinal epithelium did not affect the proportion of Paneth cells per crypt in any of the conditions. (E-G) Magnified views of images from Figure 7J-L depicting pStat3 immunostaining within small intestinal crypts. Arrows point to pStat3 positive (pStat3^{+ve}) cells. Note the presence of multiple pStat3^{+ve} cells throughout the crypts in F versus a few individual pStat3^{+ve} cells per crypt in E and G.