

Figure S9: Analysis of AP induced transcriptional changes in splenic T_{reg} , and duodenal tissue samples. (A) Comparative pathway analysis of the transcriptome data showed similar immune pathway and disease pattern alterations in isolated T_{reg} (top) and duodenal tissue (bottom). (B-D) Comparative analysis of AP-associated predicted upstream regulators in T_{regs} (top) and duodenal tissue (bottom) of selected individual genes in the group of cytokines (B), transcriptional regulators (C) and downstream target genes (D). Important upstream regulators showed a similar activation pattern at the mRNA level in both sample sets. Whereas transcripts of the anti-inflammatory cytokines TGFB1, LL-4, and IL-13 were more abundant, type I cytokines IL-12B, IL-2 and IR-12B, IL-2 and IR-12B, IL-2 and IR-13B, IR-2 and IR