



Supplementary information, Figure S3. STAT5 in T_H17 and T_H1 differentiation *in vitro*. (A) Naïve CD4⁺ T cells were obtained from *Stat5*^{+/+} and *Stat5*^{-/-} mice and primed under T_H17-polarizing condition in the presence of IL-2 or IL-7. IL-17 and IFN- γ expression was measured by intracellular cytokine staining. (B) Quantitative RT-PCR analysis of IL-17, IL-17F, IL-21 and IL-22 mRNA expression by T_H17 cells *in vitro*. The RT-PCR data were normalized to β -Actin, and expression under *Stat5*^{+/+} medium was set to 1. (C) Naïve CD4⁺ T cells were obtained from *Stat5*^{+/+} and *Stat5*^{-/-} mice and primed under T_H1-polarizing condition in the presence of IL-2 or IL-7. IL-17 and IFN- γ expression was analyzed. Data shown are representative of two independent experiments. **p*<0.05, ns, not significant.