



Supplementary Figure 5. Altered IFN γ and IL-17A cytokine expression of adoptively transferred HDAC1-deficient CD4 $^+$ T cells. (a) Contour plots show IL-17A and IFN γ expression of TCR β^+ CD4 $^+$ cells isolated from spleen, mLNs, SI-LPs and SI-IELs of *Rag2*^{-/-} recipient mice upon PMA/Ionomycin restimulation. (b) Diagrams showing the percentages of IFN γ single-producers (IFN γ^+ IL-17A $^-$) (upper panel), IL-17A single-producers (IFN γ^- IL-17A $^+$) (middle panel) and IFN γ^+ IL-17A $^+$ double-producing (lower panel) WT and HDAC1^{ckO} TCR β^+ CD4 $^+$ cells isolated from *Rag2*^{-/-} recipients. Horizontal bars indicate the mean. Data are representative (a) or show a summary of two independent experiments (b) with 3-4 mice per group analyzed within each experiment. p < 0.05, **p < 0.01, ***p < 0.001 (unpaired two-tailed student's t-test).