



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).