



Fig. S7 Adoptive lymphocyte transfer in WT and $\beta 7^{-/-}$ mice (related to Fig. 5)

a Quantification of T cells and B cells in the small intestine in mice 7 days after T or B cell transfer. Intraepithelial lymphocytes (IELs) and lamina propria lymphocytes (LPLs) were isolated from the small intestine and the number of CD3⁺ T cells and CD19⁺ B cells in IELs and LPLs were determined by flow cytometry. n = 6 mice per group. Data are represented as mean \pm SEM, *** P < 0.001, ** P < 0.01, * P < 0.05, ns, no significant difference, one-way ANOVA. **b** Left: representative images of LYZ, PAS and AP staining of small intestine sections for the indicated T cell transfer group. Scale bars, 50 μ m. Right: quantification of LYZ⁺ Paneth cells, PAS⁺ goblet cells and AP⁺ enterocytes in each crypt or villus. n = 4 mice per group, more than 8 fields were analyzed per mouse. Data are represented as mean \pm SEM, *** P < 0.001, ** P < 0.01, * P < 0.05, ns, no significant difference, one-way ANOVA.