



Fig. S13 Integrin αE expression in the intestinal T cells and the restoration of intestinal CD4⁺ or CD8⁺ T cell population in $\beta 7^{-/-}$ mice by $\alpha E^{-/-}$ T cell transfer. (related to Fig. 6)

a Percentages of integrin αE^+ cells gated on $CD4^+$ and $CD8^+$ T cells in the IELs and LPLs from WT mice ($n = 3$). **b** Representative images (left) and quantification (right) of αE^+ $CD4^+$ and αE^+ $CD8^+$ T cells in the crypt region of WT mice. αE (green), CD3 (indigo), CD4 (red), CD8 (yellow), DAPI (blue). αE^+ $CD4^+$ and αE^+ $CD8^+$ T cells in contact with crypt epithelial cells are highlighted with white arrows. Scale bars, 50 μm . $n = 3$ mice. Data are represented as mean \pm SEM. ns, no significant difference, t -test. **c** Quantification of $CD4^+$ and $CD8^+$ T cells per small intestinal crypt section for the indicated groups after $\alpha E^{-/-}$ T cell ($CD4^+$ or $CD8^+$) transfer, $n = 6$ mice per group, more than 8 fields per mouse. Data are represented as mean \pm SEM, $***P < 0.001$, $*P < 0.05$, ns, no significant difference, one-way ANOVA.