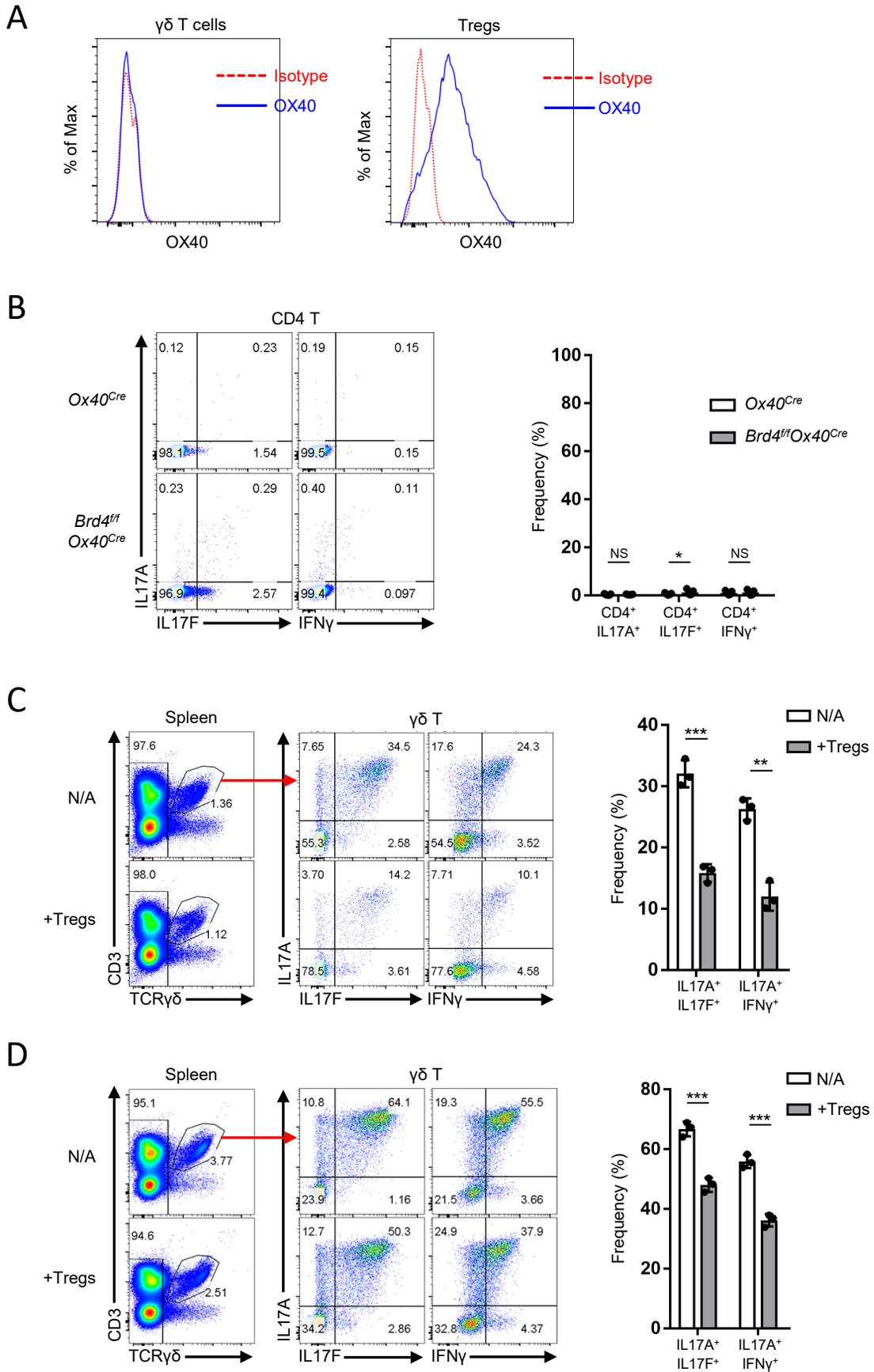


Supplemental Figure 2

**Supplemental figure 1, related to figure 5. (A)** H3k27ac ChIP-seq peaks in wildtype mice in genes related to cell cycle, SHH signaling, Wnt signaling and follicle stem cell lineage transcription factors using telogen HFSCs. These data are quoted from GSM1501996, GSM1501997. **(B)** qRT-PCR of genes related to cell cycle, SHH signaling, Wnt signaling and HFSCs lineage transcription factors using telogen follicle stem cells from Rag1<sup>-/-</sup> and Rag1<sup>-/-</sup>CKO mice. *n* = 5-8. The data are representative of at least three independent experiments and are shown as mean ± SD. \**P* < 0.05, \*\**P* < 0.01, \*\*\**P* < 0.001, \*\*\*\**P* < 0.0001, by two-tailed Student's *t* test.



Supplemental Figure 2

**Supplemental figure 2, related to figure 6 and 7. (A)** Graph shows OX40 expression on  $\gamma\delta$  T cells (left) compared with Tregs (right, as positive control). **(B)** Flow cytometry analysis of intracellular expression of cytokines (IL17A, IL17F and IFN $\gamma$ ) in CD4<sup>+</sup> cells from the skin of control *Ox40-Cre* and *Brd4<sup>fl/fl</sup>Ox40-Cre* mice on postnatal day 84 (left), and frequency of cytokines are indicated (right).  $n = 5$ . **(C)** Flow cytometry analysis of intracellular expression of cytokines (IL17A, IL17F and IFN $\gamma$ ) in  $\gamma\delta$  T cells from spleen of CD45.1<sup>+</sup> Tregs recipients compared with N/A mice at 14 weeks old (left), and frequency of IL17A+IL17F<sup>+</sup> or IL17A+IFN $\gamma$ <sup>+</sup> cells (right).  $n = 3$ . **(D)** Flow cytometry analysis of intracellular expression of cytokines (IL17A, IL17F and IFN $\gamma$ ) in  $\gamma\delta$  T cells from peripheral lymph nodes of CD45.1<sup>+</sup> Treg recipients compared with N/A mice at 14 weeks old (left), and frequency of IL17A+IL17F<sup>+</sup> or IL17A+IFN $\gamma$ <sup>+</sup> cells (right).  $n = 3$ . Data are shown as mean  $\pm$  SD. \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$ , NS, not significant, by two-tailed Student's  $t$  test.