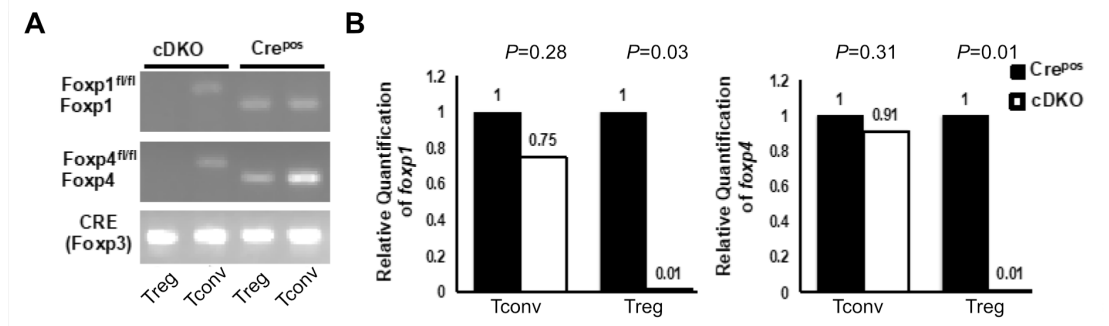
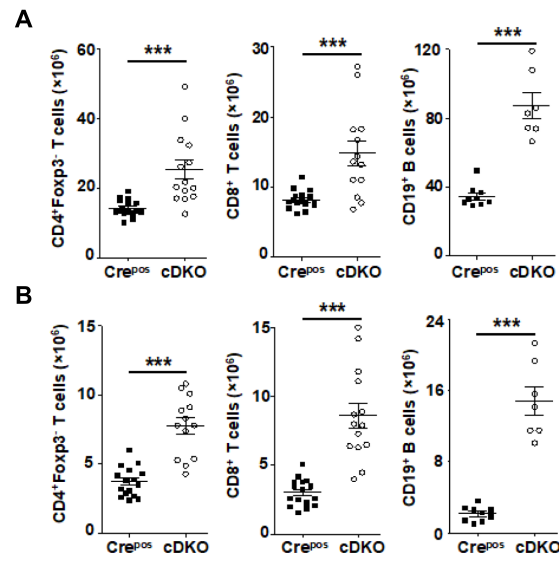


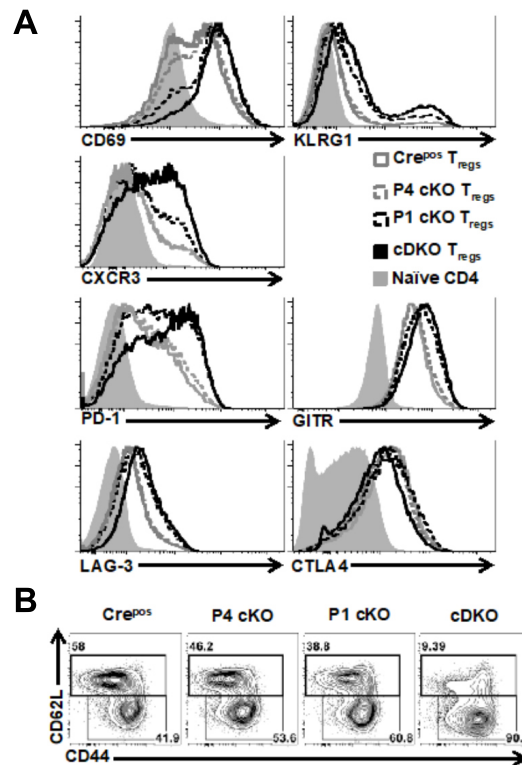
SUPPLEMENTARY FIGURES



Supplementary Figure 1: Treg-specific deletion of *Foxp1* and *Foxp4* in cDKO mice. (A) DNA-PCR analysis of *Foxp1*, *Foxp4* and *Foxp3*^{YFP-Cre} in sorted Tconv and Treg cells from Cre^{pos} and cDKO mice spleen. (B) Analysis of *Foxp1* and *Foxp4* mRNA expression in sorted CD4⁺ Tconv and Treg cells from the spleen of Cre^{pos} and cDKO mice. Data are representative of three independent experiments (A, B).



Supplementary Figure 2: cDKO mice develop lymphoproliferation. Total number of CD4⁺FOXP3⁻ T cells (left panel), CD8⁺ T cells (middle panel) and CD19⁺ B cells (right panel) in the **(A)** spleens and **(B)** pLN of 2 months old Cre^{pos} and cDKO mice. Data are representative of at least three independent experiments. Each symbol represents an individual mouse. *** $P < 0.001$. Data are mean + SEM.



Supplementary Figure 3: FOXP1 and FOXP4 maintain the homeostasis of Treg subset

(A) Expression of CD69, KLRG1, CXCR3, PD-1, GITR, LAG-3 and CTLA4 in CD4⁺FOXP3⁺ Treg cells from the spleen of 2 months old Cre^{pos}, P4 cKO, P1 cKO and cDKO mice. **(B)** CD4⁺FOXP3⁺ Treg cells from spleen of Cre^{pos}, P4 cKO, P1 cKO and cDKO mice were analyzed for CD62L and CD44 expression by flow cytometry. Gates shows CD62L^{hi} CD44^{lo} cTreg and CD62L^{lo} CD44^{hi} eTreg frequencies of total CD4⁺FOXP3⁺ Treg cells. Data are representative of at least three independent experiments.