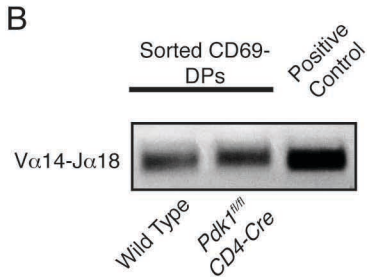
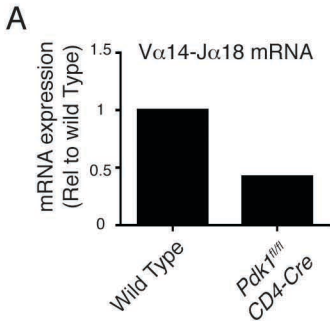
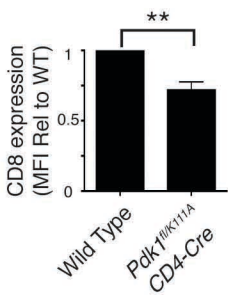


Supplemental Figure 1

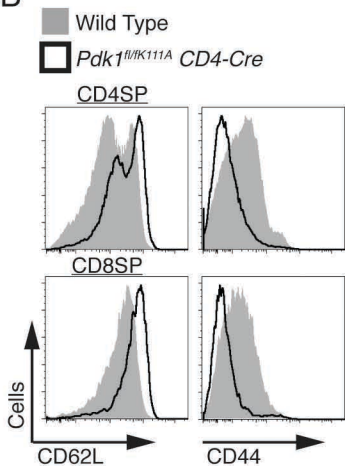


Supplemental Figure 2

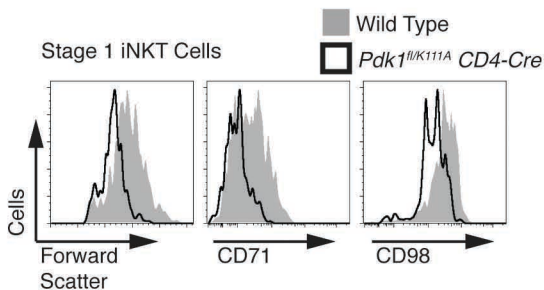
A



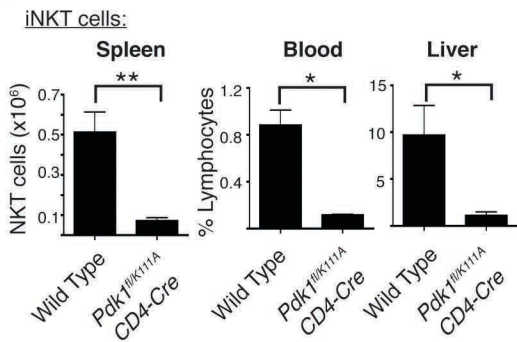
B



C



D



Supplemental Figure 1: Pdk1^{fl/fl} CD4-Cre mice successfully rearrange the TCR α locus to generate the V α 14-J α 18 gene segment.

A, B. Total RNA was purified from sorted CD69- CD4/CD8 DP thymocytes, cDNA generated by rt-PCR and relative frequency of the V α 14-J α 18 transcript determined by quantitative real-time PCR analysis (A) (Primers: V α 14 for; 5'-GGATGACACTGCCACCTACA-3', J α 18 rev; 5'-CTGAGTCCCAGCTCCAAAA-3'). PCR reactions were visualised on an agarose gel (B) (positive control = cultured V α 14 iNKT cells).

Supplemental Figure 2: Analysis of T cells and iNKT cells in Pdk1^{fl/K111A} CD4-Cre mice

A. Expression of CD8 on TCR β^{high} /CD8 SP thymocytes (mean +/- S.E.M of 5 experiments, ** p<0.01). *B.* Expression of CD62L and CD44 on TCR β^{high} /CD4 and TCR β^{high} /CD8 SP thymocytes. Data is representative of 3 experiments. *C.* Analysis of the cell size and the expression of CD71 and CD98 on stage 1 iNKT cell progenitors. Data is representative of 2 experiments. *D.* Analysis of total number/frequency of iNKT cells in peripheral tissues. Data is mean +/- S.E.M of 3 experiments (** p<0.01, * p<0.05).