



Figure S1, related to Figure 1. *Pros1*^{flox/flox}*Cd4-Cre*⁺ mice lack *Pros1* expression in T cell, have normal levels of *Pros1* in plasma and show normal thymic T cell development and splenic effector memory compartment. (A) *Pros1*^{flox/flox} *Cd4-Cre*⁻ (Ctrl) or *Pros1*^{flox/flox} *Cd4-Cre*⁺ (*Pros1*^{-/-}) splenic CD4⁺ T cells were stimulated *in vitro* with anti-CD3 and anti-CD28 for 4 h. *Pros1* mRNA level was measured by qPCR and normalized to unstimulated Ctrl cells. n.d.: non detected. (B) Western Blot analyses of *Pros1* expression in the plasma of Ctrl and *Pros1*^{-/-} mice. γ -carboxy glutamic acid (GLA) containing proteins in the plasma were immunoprecipitated and analyzed by immunoblotting with *Pros1* antibody. (C) Integrated density for each band in B, measured using ImageJ software (NIH). R.U.: relative units, n.s.: not significant. (D) Thymocytes from 2 month old *Pros1*^{flox/flox}*Cd4-Cre*⁻ or *Cre*⁺ were isolated and the proportions of double positive, single positive or double negative CD4, CD8 T cells were analyzed. Representative plots (left) and independent data (right) are shown. (E) The effector/memory CD4 compartment in the indicated mice was analyzed. Representative CD62L CD44 plots (left) and independent data (right) are shown. Data are presented as individual samples or mean \pm SEM and are representative of 2 experiments with at least 3 independent samples per group