

Supplementary Figures and Legends

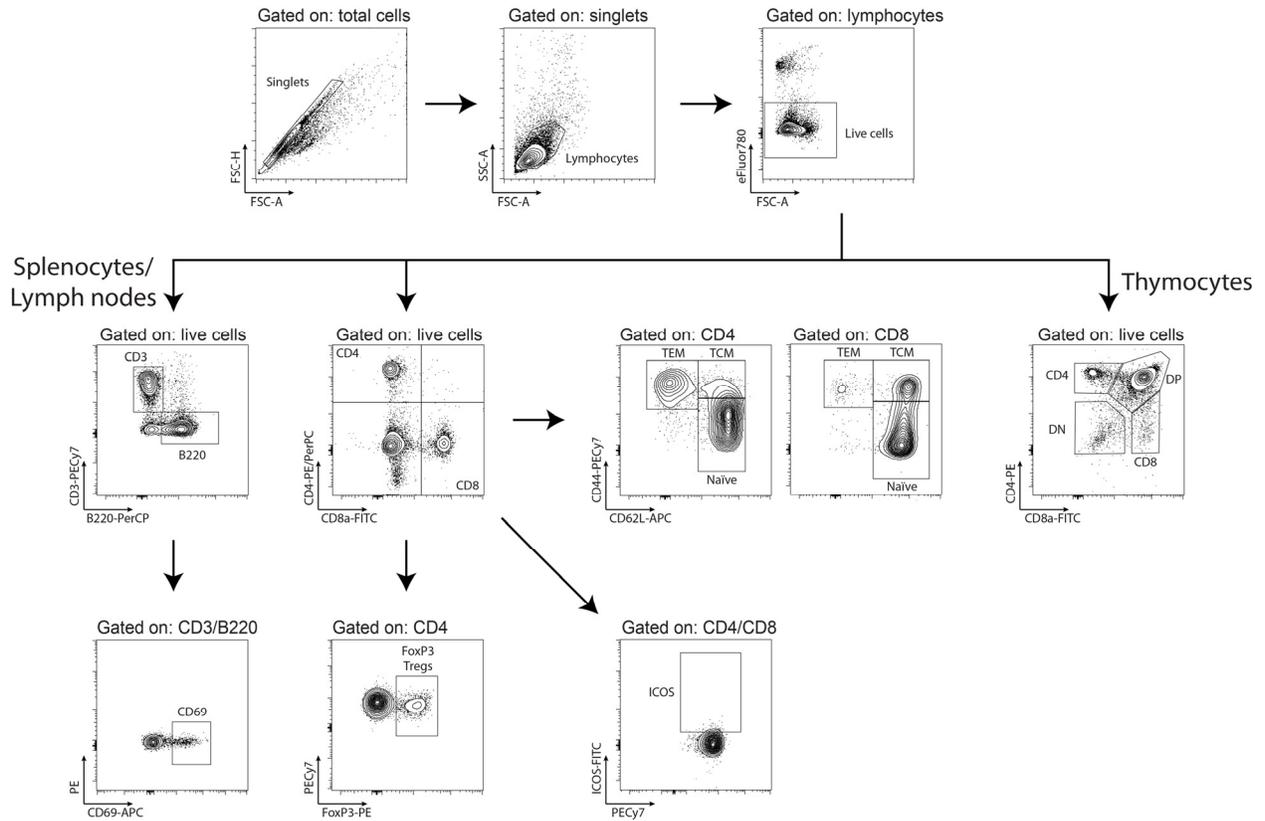


Figure S1: Gating strategies for flow cytometry analyses. All cell populations were gated on single lymphocytes based on forward and sideward scatter and on live cells based on the eFluor780 Live/Dead staining. Antibodies for stratification of T and B cell populations in spleen, lymph nodes and thymus are given in the Materials and Methods.

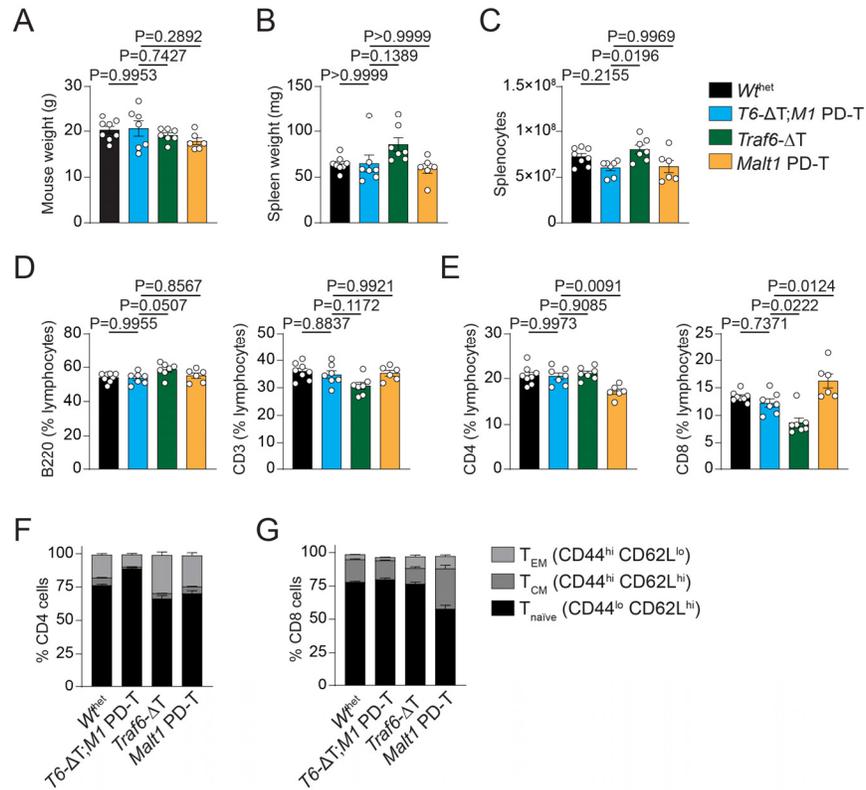


Figure S2: Phenotypic analyses of T cell populations. (A-C) Mouse weights (A), spleen weights (B) and total splenocyte numbers (C) of Wt^{het} , $T6-\Delta T;M1$ PD-T, $Traf6-\Delta T$ and $Malt1$ PD-T mice. (D-E) Flow cytometric analysis of B220⁺ B cells and CD3⁺ T cells (D) and CD4⁺ and CD8⁺ T cells (E) from spleen of mice as depicted in A. (F-G) Flow cytometric analyses and relative numbers of T_{EM} (CD44^{hi} CD62L^{lo}), T_{CM} (CD44^{hi} CD62L^{hi}) and T_{naive} (CD44^{lo} CD62L^{hi}) CD4⁺ (F) and CD8⁺ (G) cells of Wt^{het} , $T6-\Delta T;M1$ PD-T, $Traf6-\Delta T$ and $Malt1$ PD-T mice. Bars show the means \pm SEM, and P values were calculated by one-way ANOVA with Tukey's multiple comparison test. All analyses were performed with mice 9-11 weeks of age. Each dot represents one mouse.

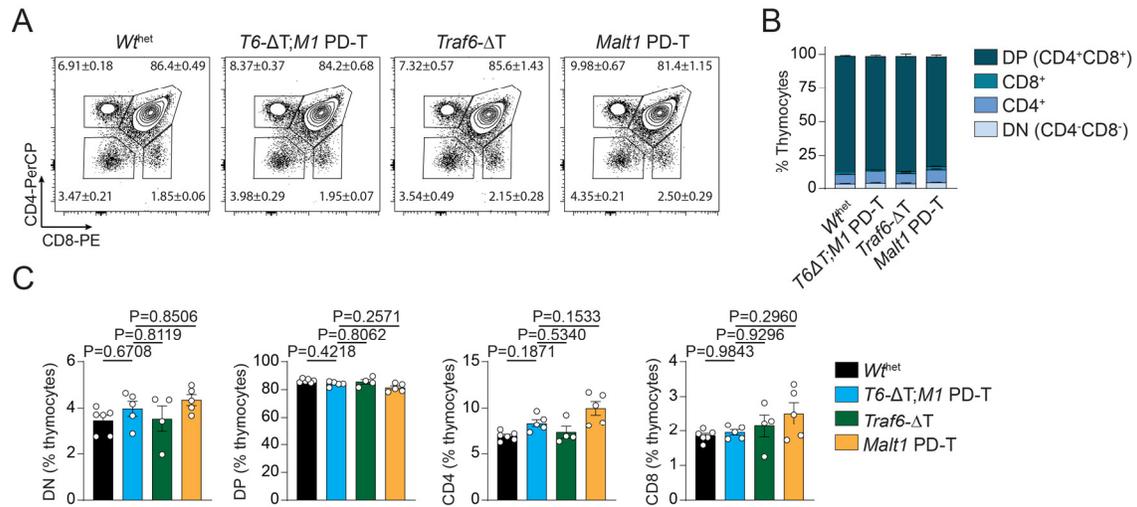


Figure S3: Thymic T cell development. (A to C) Flow cytometric analysis of thymic T cell populations (A) with relative numbers of double-negative, double-positive, and single-positive CD4⁺ and CD8⁺ T cells (B) and relative ratios of thymic T cell populations (C) of *Wt^{het}*, *T6-ΔT;M1 PD-T*, *Traf6-ΔT* and *Malt1 PD-T* mice. Bars show the means ± SEM, and P values were calculated by one-way ANOVA with Tukey's multiple comparison test. All analyses were performed with mice 9-11 weeks of age. Each dot represents one mouse.