



Figure S4. Lymphoid subpopulations in old *S1P2*^{-/-} and *S1P2*^{+/-} mice. **A)** Splenic B cell subsets: Total Splenic B cells (Total Spl. B; % of splenic lymphoid cells), Follicular, marginal zone and switched B cells, defined by IgM and IgD staining. Switched B cells are defined as B220⁺, IgM⁻, IgD⁻ B cells expressing surface kappa light chain; % of total B cells). **B)** Splenic T cell subsets: Total splenic T cells (% of total splenic lymphoid cells), CD4⁺ and CD8⁺ subsets (% of total T cells), Vβ8⁺ subsets (% of the CD4 and CD8 populations) and double negative (DN), CD4⁻, CD8⁻, CD3⁺ splenic T cells (% of total T cells). **C)** Splenic CD69⁺ T cells (% of total lymphocytes) and mean fluorescence channel. There was a significant increase in the percentage and intensity of CD69 label (both $p < 0.025$). $N = 4$ wild type; 3 knockout. All values are presented as mean \pm SD