

**Supplementary Figure 3. Germinal center staining comparison.** (**A**) Expanded representative images of spleen B cell follicle (B220, blue), containing a GC stained with Ki67 (grey) GL7 (red) and PNA (green). (**B**) Example GC ROI area outline of Ki67+ area (grey line), GL7+ area (red line) and PNA+ area (green line). GC area ( $\mu$ 2 ± SEM) based on each GC marker. The data is representative of 3 mice from two independent experiments. Statistical differences between GC markers in B were determined by two-way ANOVA. \*\*\* p values< 0.001, \*\*< 0.01, and \*< 0.05.