



Supplemental Figure 1. Comparison of temporal and dose kinetics within sLACK and pLACK immunized mice. (A) Anti-MPER IgG (top) and anti-LACK (bottom) IgG ELISA titers quantified as the reciprocal of the dilution generating signal two times above background, elicited by 40 μ g sLACK-formulated (red circles) MPER/liposome vaccine compared with those elicited by 40 μ g pLACK-formulated (blue triangles) MPER/liposome vaccine at 10, 30, 60, 90, and 120 days post-boost. (Data is derived from curves shown in **Fig. 5A**) **(B)** Direct comparison of the effect of LACK dose (10 μ g, dashed line and 40 μ g, solid line) on MPER-specific IgG affinity maturation. Data is identical to that shown in (**Fig. 5C**); however, plotted data and statistics rearranged for direct comparison of dose rather than LACK formulation. Statistical analysis by two-way ANOVA with p-value for dose comparison shown (**p<0.01). Top graph shows pLACK (blue triangles) and bottom is sLACK (red circles) results. Absorbance values used for calculating the ratio were specifically determined by finding the absorbance at the high density MPER or LACK/liposome (peptide to lipid ratio of 1:50) EC₅₀ and using that EC₅₀ dilution to find the absorbance given on the low density MPER or LACK/liposome (1:1000) curve.