Supplementary Figure 6: **ERα deficiency has no significant impact on marginal zone B cell development in B6.Sle1b congenic mice.** (A) Dot plots show the percentage of splenic marginal zone B cells (identified as lymphocyte singlets that were CD5−CD19+CD93−CD21+CD23−) in female B6.ERα+/+, B6.ERα−/−, B6.Sle1b.ERα+/+, and B6.Sle1b.ERα−/− mice. (B) Representative contour plots from show the frequency of marginal zone B cells in female B6.ERα+/+, B6.ERα−/−, B6.Sle1b.ERα+/+, and B6.Sle1b.ERα−/− mice. (C) Dot plots show the percentage of splenic marginal zone B cells in male B6.ERα+/+, B6.ERα−/−, B6.Sle1b.ERα+/+, and B6.Sle1b.ERα−/− mice. (D) Representative contour plots from show the frequency of marginal zone B cells in male B6.ERα+/+, B6.ERα−/−, B6.Sle1b.ERα+/+, and B6.Sle1b.ERα−/− mice. Splenocytes were collected from mice that were 5-6 months of age. The longer horizontal bar in each panel denotes the mean for each group (N=8 per group), and the shorter black bars indicate the standard error of the mean. The ** indicates p≤0.01.