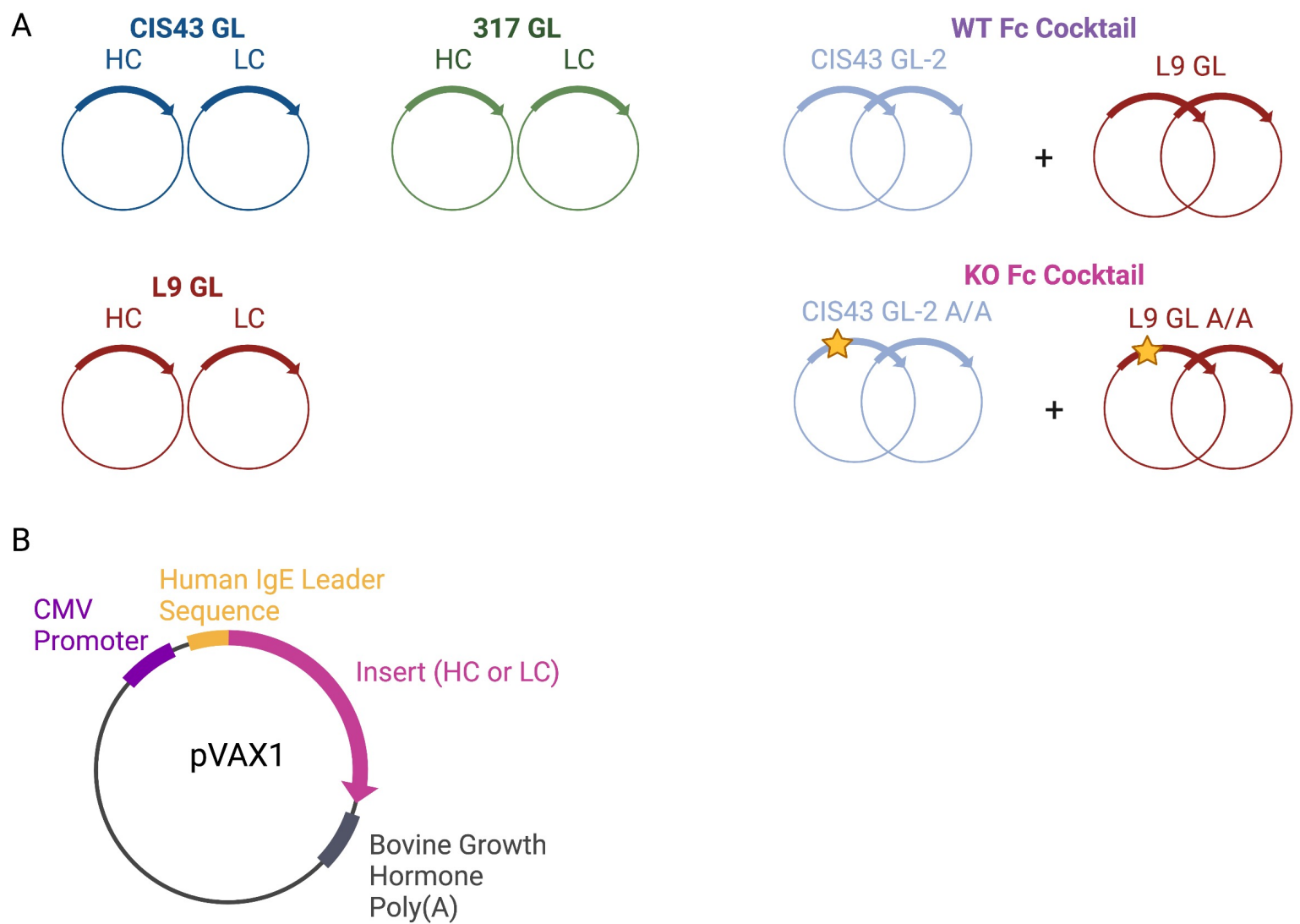
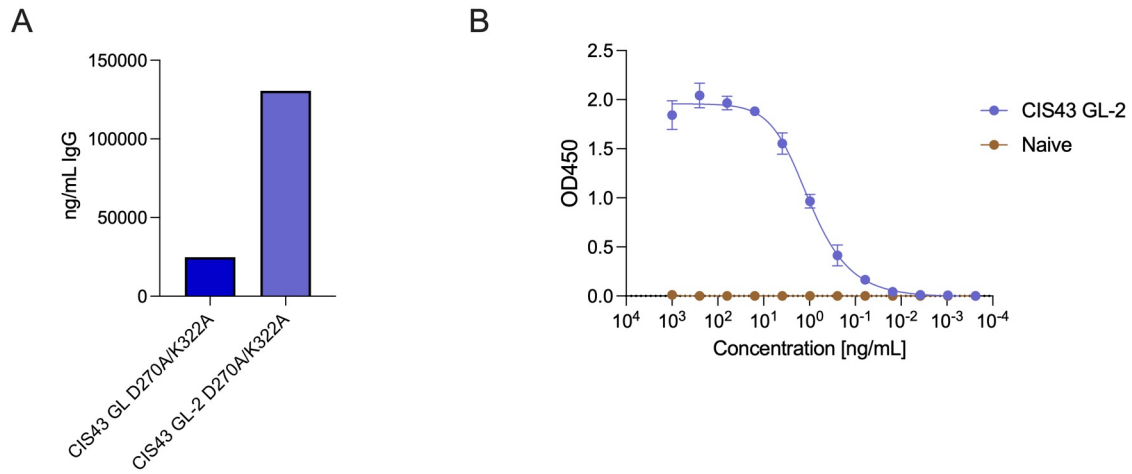




Supplementary Figure 1. Vector maps of DMAb constructs. (A) Schematic of each of the DMAb constructs and DMAb cocktails. (B) Vector map of sample gene in pVAX1.



Supplementary Figure 2. Characterization of second germline-modified variant of CIS43. (A)

Quantification ELISA of pooled serum from transfection supernatants comparing CIS43 GL and CIS43 GL-2 each with D270A/K322A complement abrogating mutations. (B) Binding ELISA to rCSP of pooled serum from mice immunized with CIS43 GL-2 (mean $\pm$ SD)