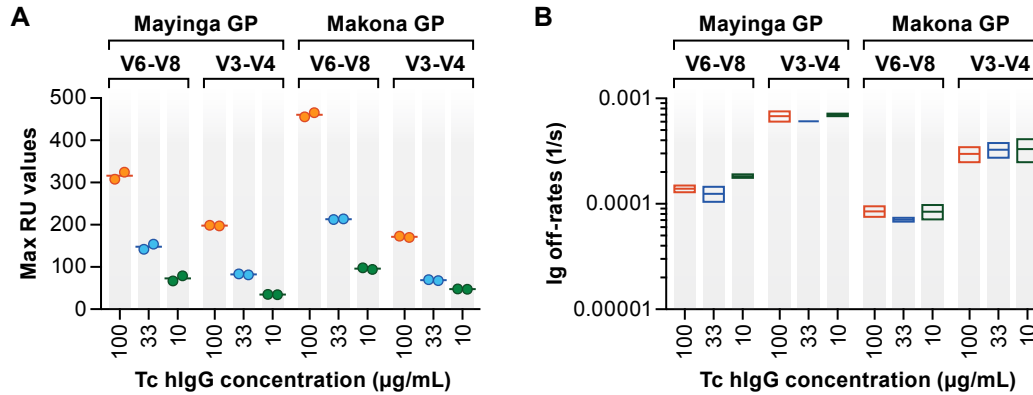


Supplementary Figure 1



Supplementary Figure 1: Surface plasmon resonance analysis of SAB-139/V6-V8 versus SAB-139/V3-V4 binding to EBOV-GPs.

Steady-state equilibrium surface plasmon resonance (SPR) analysis was performed on polyclonal Tc hlgG antibody binding of SAB-139/V6-V8 and SAB-139/V3-V4 to mammalian cell-derived rGP from EBOV 1976-Mayinga or 2014-Makona isolates immobilized on a HTG sensor chip. *A*, Maximum resonance unit (Max RU) values for rGP binding to SAB-139/V6-V8 and SAB-139/V3-V4. *B*, Dissociation kinetics (off-rates) of SAB-139/V6-V8 and SAB-139/V3-V4. Antibody off-rate constants that describe the fraction of antibody-antigen complexes decaying per second were determined directly from the antibody interactions with rGP using SPR in the dissociation phase. Abbreviations: EBOV, Ebola virus; rGP, recombinant glycoprotein; RU, resonance units; SPR, Surface plasmon resonance. Tc hlgG, transchromosomal human immunoglobulin G