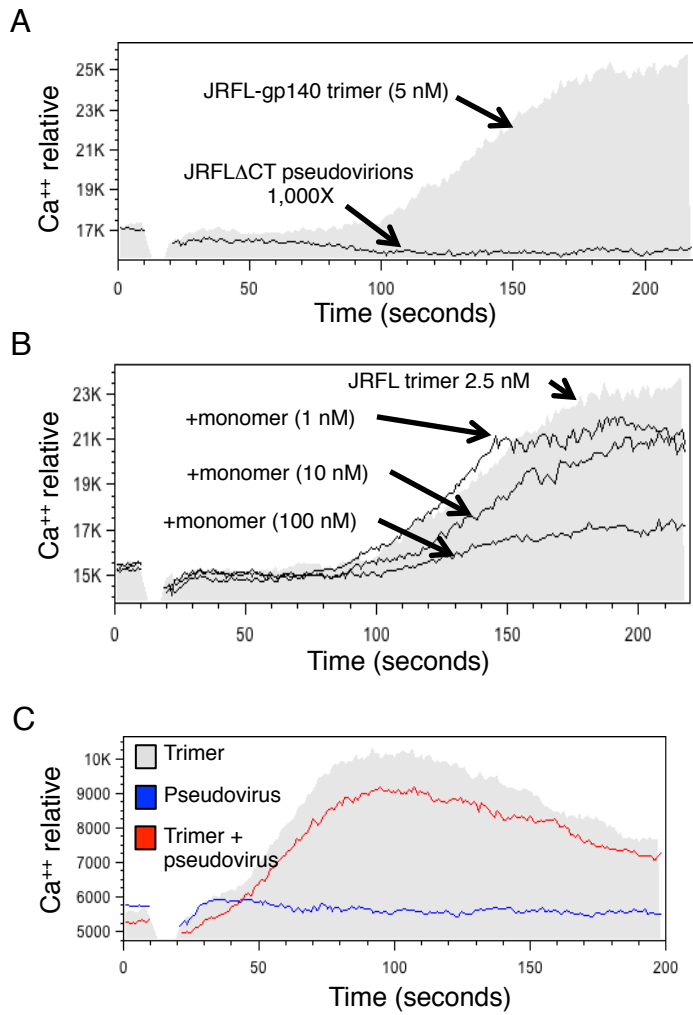


Supplemental Figure 1. Comparative abilities of pseudovirions and soluble Env proteins to trigger, or block, a Ca^{++} flux. **(A)** Comparison of the response triggered by soluble trimer to pseudovirions. Note that this high titer preparation of virions was antigenically matched, except for the ΔCT mutation, which promotes an abnormally high level density of Env spikes. Final concentration of pseudovirus infectious particles was $3 \times 10^9/\text{ml}$. **(B)** Analysis of the ability of gp120 monomers to suppress response to trimers. **(C)** Analysis of the ability of pseudovirions to suppress the soluble trimer response.

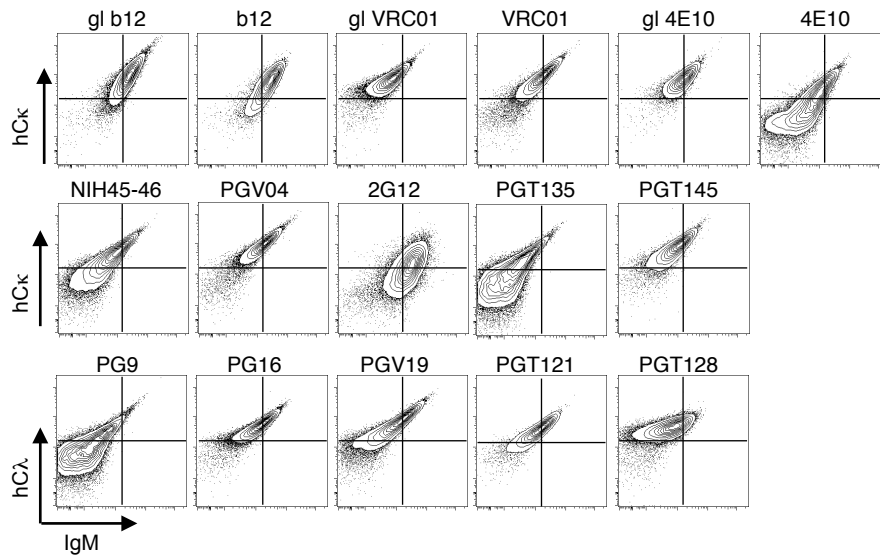
Supplemental Figure 2. Flow cytometry analysis of bNAb BCR expression in WEHI231 and K46 B cell lines. **(A)** Analysis of the expression in K46 cells of H and L chains of the indicated bNAbs was assessed one day after induction by staining with anti-human L-chain or anti-IgM reagents. **(B)** Evaluation of bNAb expression levels in transduced WEHI231 cells. Cells were gated after induction for a minimal level over background of upregulation of the transduced L-chain and then assessed for the correlation between light chain expression level and the binding to YU2 trimer. **(C)** Analysis of K46 transductants analyzed in part A for the correlation between cell surface levels of transduced H and L chains.

Supplemental Figure 1

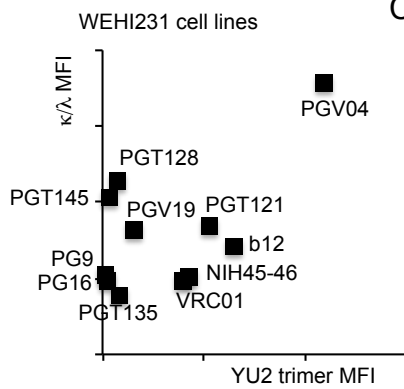


Supplemental Figure 2

A



B



C

