Supplemental Data

Figures and Figure Legends

Figure S1: Immunoprecipitation of insect- and mammalian-cell derived cleavage-defective GPC. Insect High-Five™ cells expressing icd-GPC and Vero cells expressing the identical cleavage-defective GPC (cd-GPC) lacking the FLAG tag, were metabolically labeled and proteins were immunoprecipitated using JUNV-directed MAbs that recognize G1 (BE08, BF11, AA09, AG02 and BF09) (1) and examined by SDS-PAGE. The anti-N MAb BG12 (α-N) and anti-FLAG MAb M2 were also tested. Top panel demonstrates co-precipitation of SSP with the icd-G1G2 precursor from insect cells, and lower panel shows cd-GPC immunoprecipitated from Vero cells. Molecular-size markers are indicated in kilodaltons (kDa) at left.

Figure S2: Biosensor analysis of the interaction of MAbs and sTfR with detergent solubilized icd-GPC. The icd-GPC complex was immobilized on a Biacore CM5 chip in 0.1% DDM and concentration-dependent sensorgrams were analyzed. Representative interactions with JUNV-specific MAbs (1) and soluble TfR from human plasma (American Research Products) are shown. MAbs were injected at a concentration of 500 nM. MAb BF11 (black), BF09 (purple), AA09 (blue), BE08 (red) and AG02 (wine) are directed to JUNV G1. BG12 (cyan) recognizes JUNV N protein (α–N) and the protein target of AB11 (pink) is unknown. sTfR (orange) was used at 1.5 μM.

Supplemental Data Reference

Sanchez, A., Pifat, D. Y., Kenyon, R. H., J, P. C., McCormick, J. B., and Kiley, M. P. (1989) *J Gen Virol* **70**, 1125-1132

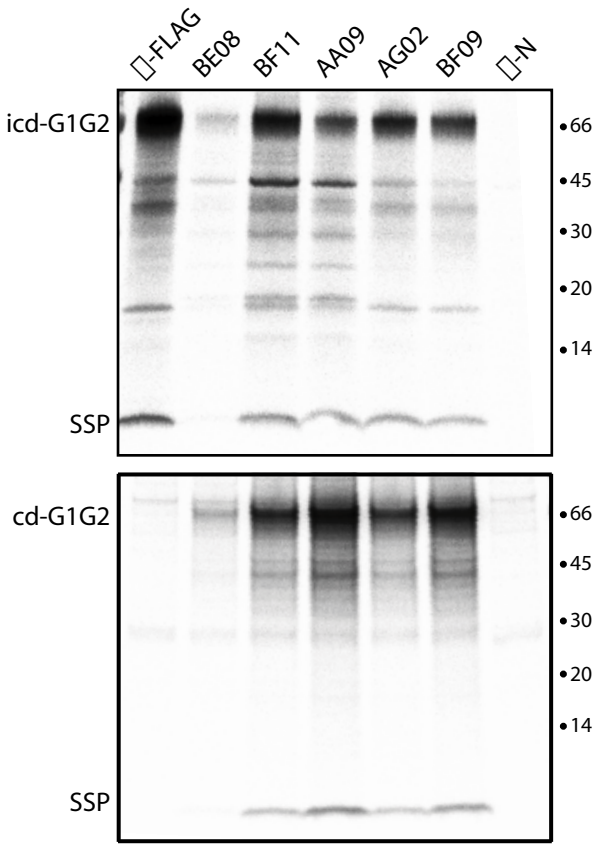

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Fig. S1

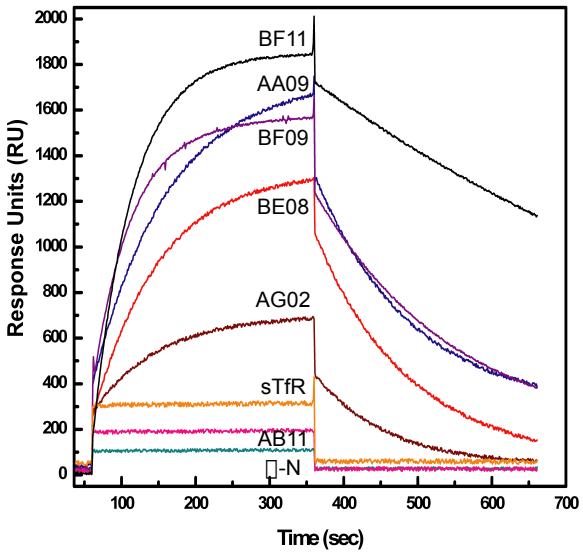

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Fig. S2