

Figure 1: (A) Expression and functional characterization of NWM GPC-pseudotyped MLV particles displaying specific internalization into hTfR1-present cell lines, demonstrated for the pathogenic MACV/JUNV and non-pathogenic TCRV GPC. (B) Functional characterization of MACV/JUNV-derived GPC sequence variant, with mutations modeled on MACV GPC homology model.

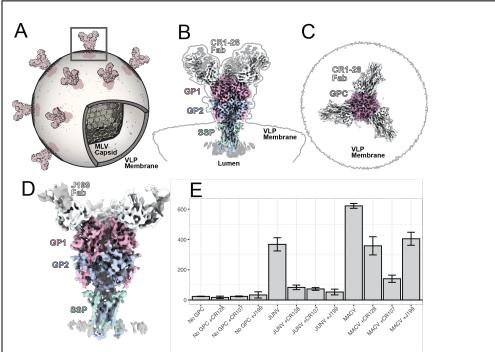


Figure 3: (A) Schematic of NWM GPC-pseudotyped MLV particles used for single-particle cryoEM. (B) Side-view of CR1-28-bound JUNV GPC cryoEM map determined through single-particle cryoEM (C) top view. (D) Preliminary reconstruction map of J199-bound JUNV GPC determined through single-particle cryoEM at NYSBC NCCAT. (D) Internalization assay of NWM pseudotyped viral particles alone and in the presence of neutralizing antibodies into HEK293T cells; Y-axis depicts GFP counts for each condition.

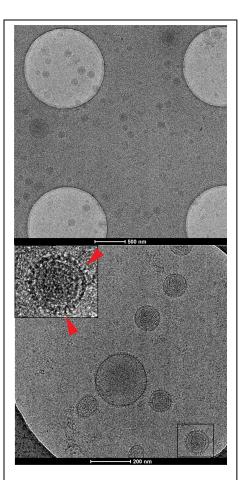


Figure 2: Representative cryoEM micrographs of GPC-pseudotyped viral particles.