

Figure 1: Schematic of GPC pseudotyped MLV viral particles (A). Functional characterization of NWM GPC-pseudotyped MLV particles displaying specific internalization into hTfR1-present cell lines, demonstrated for the pathogenic Machupo (MACV)/Junin (JUNV) and non-pathogenic Tacarible (TCRV) GPC.

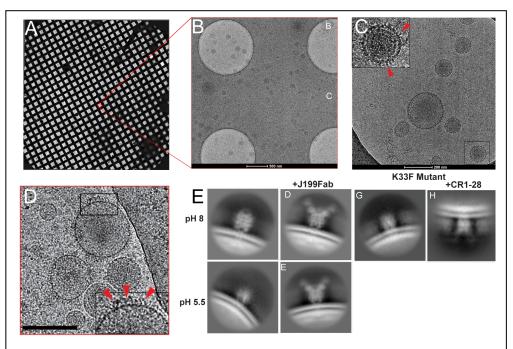


Figure 2: Representative cryoEM micrographs of GPC-pseudotyped viral particles (A-C). CryoEM micrograph of the K33F Junin GPC mutant on psueodovirus particles, scale bar 100nm (D). Preliminary 2D classes of the Junin GPC alone and in complex with neutralizing antibodies J199 and CR1-28 at physiological and acidic pH (E).

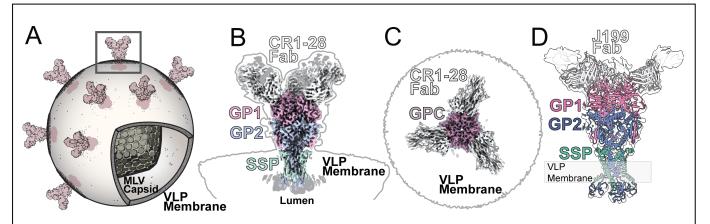


Figure 3: Schematic of NWM GPC-pseudotyped MLV particles used for single-particle cryoEM (A). Side-view of CR1-28-bound Junin GPC cryoEM map determined through single-particle cryoEM (B) top view (C). J199-bound Junin GPC model and cryoEM map determined through single-particle cryoEM at NYSBC NCCAT (D).