

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.

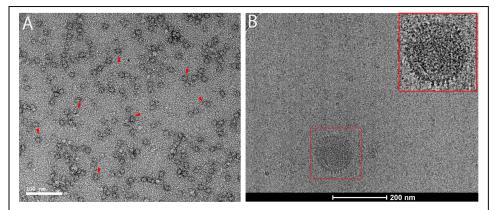


Figure 3: (A) Negative stain micrograph of soluble hTfR1 expressed and purified from stably transfected BHK cells. (B) CryoEM micrograph of MACV GPC-pseudotyped viral particles incubated with hTfR1 at a 1:3 molar ratio.

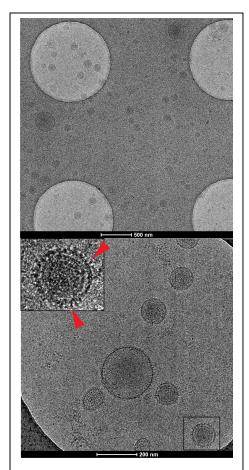


Figure 2: Representative cryoEM micrographs of GPC-pseudotyped viral particles.

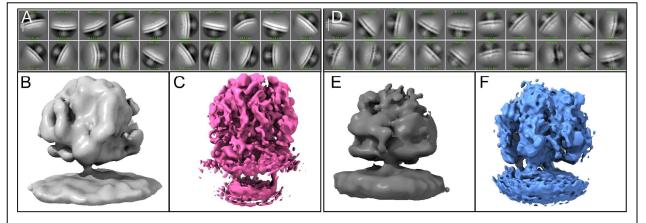


Figure 4: (A) 2D classes of the MACV GPC anchored in the MLV membrane. (B) Ab-initio reconstruction of the MACV GPC. (C) Current preliminary 3D reconstruction of the MACV GPC. (D) JUNV GPC 2D classes. (E) Ab-initio reconstruction of the JUNV GPC. (F) Current preliminary 3D reconstruction of the JUNV GPC.