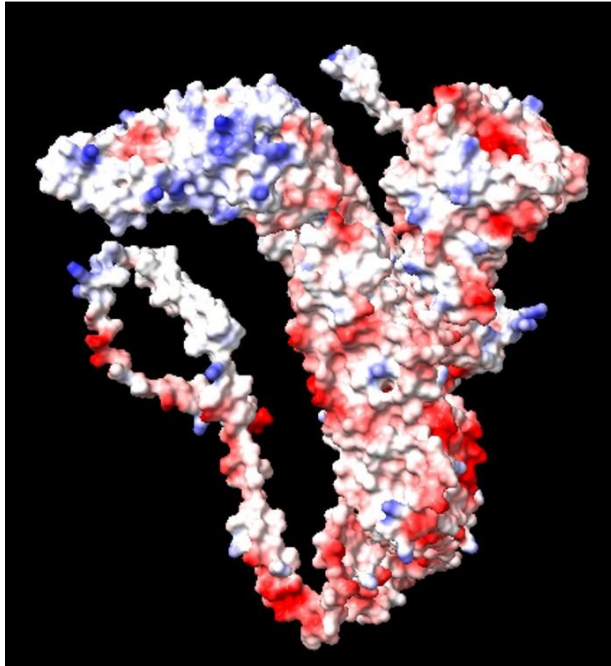
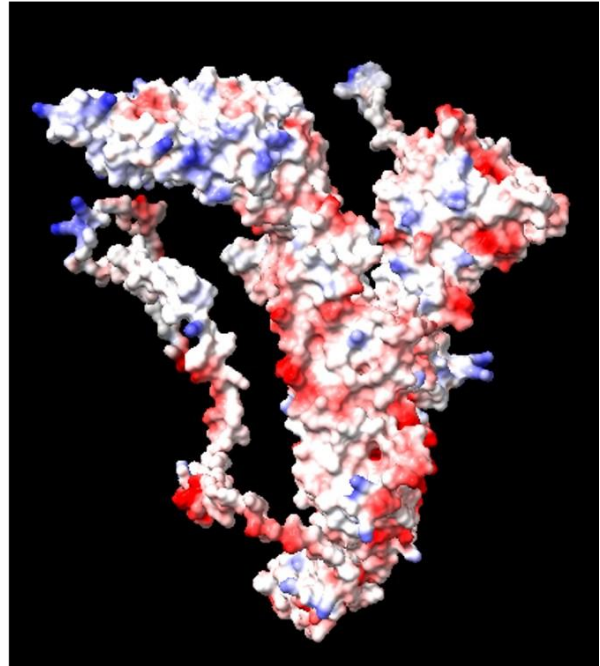


Additional file 1:

PHEV VW572



PHEV PS412



Additional Figure 1. Full spike protein structure of both PHEV strains (VW572 and PS412). Blue regions denote positively charged areas, red regions indicate negatively charged areas, and white regions correspond to neutral/polar uncharged/hydrophobic surfaces. Structures were predicted based on AlphaFold software and visualized by Chimera X.