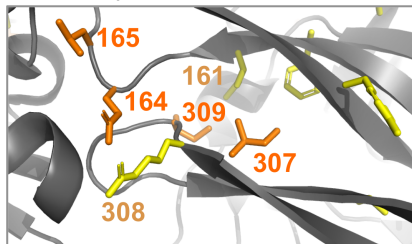


A) Closed pre-fusion conformation

Trimer apex

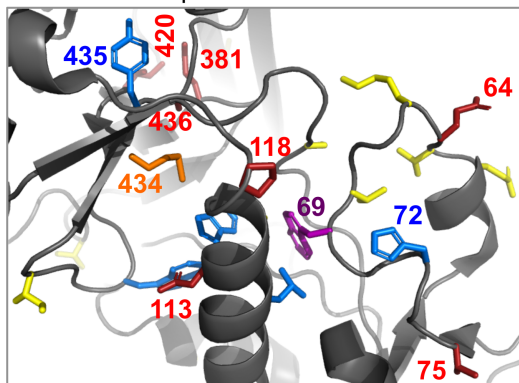


Key:

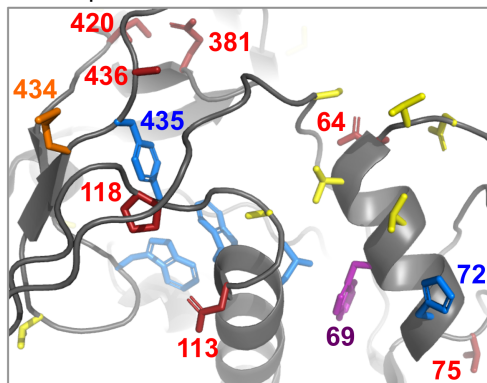
- Blue: sites in the hydrophobic network
- Purple: the one site that has shifted and is also in the hydrophobic network
- Red: sites that have shifted
- Orange: sites that have both shifted and substituted
- Yellow: sites that have substituted

B) Closed pre-fusion conformation

Conformationally dynamic region

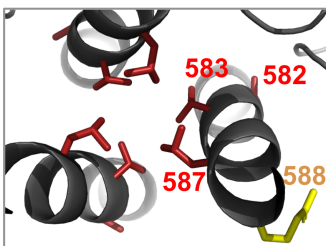


Open CD4-bound conformation

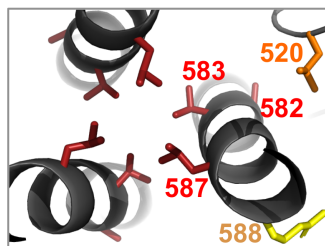


C) Closed pre-fusion conformation

Inter-protomer helical bundle



Open CD4-bound conformation



Post-fusion six-helix bundle

