

SARS-CoV-2 spike + Fabs

2D class

ab090



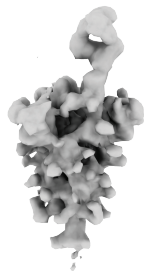
1F10



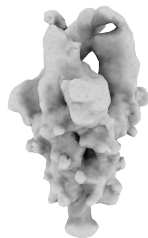
2G10



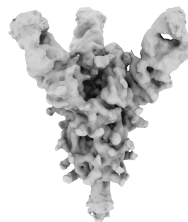
current 3D model



one RBD "up",
one Fab bound



three RBDs "up",
three Fabs bound



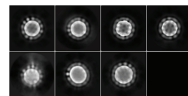
three Fabs
bound to NTD

influenza hemagglutinin

gHA



nanoparticle



model

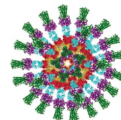
EM
reconstruction



MS2-biotin



MS2-biotin
streptavidin
anti-HA Fab



MS2-biotin
streptavidin
anti-HA Fab
HA head + HA stem



hyperglycosylated
HA immunogen