

Scale  
NC\_045512v2:

5,000|

10,000|

15,000|

20,000| wuhCor1

25,000|

Perfect Matches to Short Sequence ( )  
NCBI Genes from NC\_045512.2

ORF1a  
ORF1ab



UniProt Precursor Proteins (before cleavage into protein products)

nsp1  
pp1ab  
pp1a  
nsp2



UniProt highlighted "Regions of Interest"

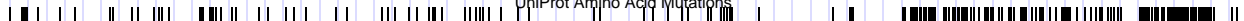
Disordered  
Binding to 40s...  
C2H2



Protein Domains



Mutations



Bloom Serum Average

Bloom Lab: S RBD-mutation patient serum antibody escape - average score across serum samples (patients A-K)

iq Resistance Mutations

Mutations that confer drug resistance (Anna Niewiadomska, BV-BRC)

Recomb. Breakpoints

Recombination Breakpoints from Thurakia et al 2022

Mutations in Variants of Concern (VOC), Interest (VOI), or Under Monitoring (VUM) (configure to show more lineages)

Delta AA Mut  
Omicron BA.2 AA Muts  
micron XBB.1.5 AA Muts  
micron XBB.1.16 AA Muts  
micron EG.5.1 AA Muts  
Omicron JN.1 AA Muts

