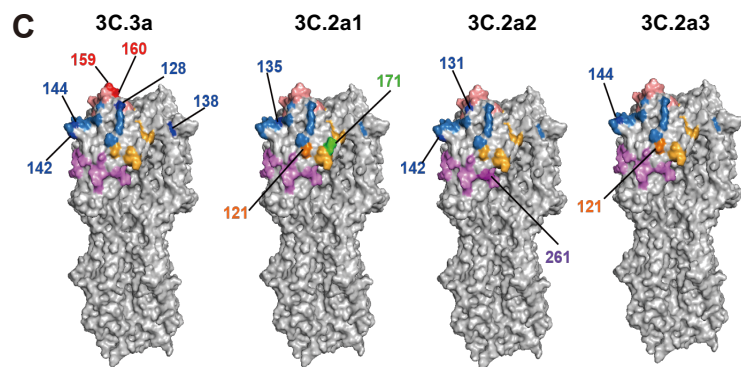


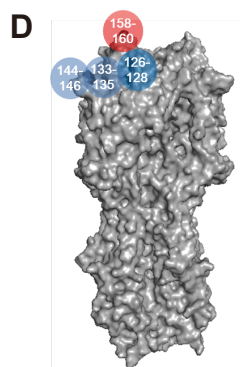
B

Clade	Ref. virus	Epitope Residue	Variation in amino acid										Variation in glycosylation			
			A					B		D	E	Non	A		B	
			128*	131	135	138	142	144	159	160	121	261	171	126-128	133-135	144-146	158-160
3C.2a	3C.2a	T	T	T	A	R	S	Y	T	N	R	N	+	+	-	+
3C.2a1	3C.2a1-1	.	.	.	.	.	.	.	.	.	.	K	+	+	-	+
	3C.2a1-2	.	.	.	.	.	.	.	.	.	K	.	+	+	-	+
	3C.2a1-3	.	.	K	.	.	.	.	.	.	K	.	+	-	-	+
3C.2a2	3C.2a2-1	.	K	.	.	K	.	.	.	.	.	.	+	+	-	+
	3C.2a2-2	.	K	.	.	K	.	.	.	.	Q	.	+	+	-	+
3C.2a3	3C.2a3	.	.	.	.	.	K	.	.	.	K	.	+	+	-	+
3C.3a	3C.3a	A	.	.	S	G	N	S	K	.	.	.	-	+	+	-

C



D



E

