

Table 1**Size of the variant clusters of the Sars-CoV-2 Envelope and Membrane proteins**

Variant	Cluster size (no of sequences)	Accession code	Definition
Envelope			
YP_009724392 (reference)	795		
His37	1	MT039890	Korea/SNU01/2020
Leu72	1	MT293206	USA/WA-UW-1588/2020
Membrane			
YP_009724393 (reference)	773		
Ser2	1	MT291836	CHN/Wuhan_IME-BJo7/2020
Gly3	1	Mt325626	USA/SC_3572/2020
Val57, Arg89	1	MT127115	VIE/NIHE/2020
Ile70	3	MT293184	USA/WA-UW-1297/2020
		MT326166	USA/WA-UW-1735/2020
		MT293211	USA/WA-UW-1591/2020
Ser85	1	MT326167	USA/WA-UW-1753/2020
Met175	2	MT326093	USA/WA-UW-1775/2020
		MT246451	USA/WA-UW194/2020