

214 **Supplementary Table 1. Excel Sheet of GNUVID results for the 236 isolates.**

215 **Supplementary Table 2. Mutations and deletions in CHOP\_204 compared to**

216 MN908947.3.

<b>Mutation</b>	<b>Protein</b>	<b>AA change</b>	<b>Frequency</b>
C241T	-	-	1
C913T	ORF1ab	synonymous	0.92
C1059T	ORF1ab	T265I	0.33
C2110T	ORF1ab	synonymous	0.98
C3037T	ORF1ab	synonymous	1
C3267T	ORF1ab	T1001I	0.64
C4320T	ORF1ab	synonymous	0.38
C5388A	ORF1ab	A1708D	0.65
C5986T	ORF1ab	synonymous	0.62
T6954C	ORF1ab	I2230T	0.74
T7984C	ORF1ab	synonymous	0.65
T9867C	ORF1ab	L3201P	0.33
11288 (del-9)	ORF1ab	SGF3675-77 deletion	0.99
C12781T	ORF1ab	synonymous	0.96
C14120T	ORF1ab	Q4619*	0.95
C14408T	ORF1ab	synonymous	1
C14676T	ORF1ab	P4804L	0.96
C15279T	ORF1ab	T5005I	0.66
T16176C	ORF1ab	L5304P	0.72
A16500C	ORF1ab	K5412T	0.30
C16887T	ORF1ab	synonymous	0.31
C19390T	ORF1ab	synonymous	1
C21575T	S	L5F	0.35
21765 (del6)	S	HV69-70 deletion	0.99
21991 (del3)	S	Y144 deletion	0.98
G23012A	S	E484K	0.77
A23063T	S	N501Y	0.95
C23271A	S	A570D	1
A23403G	S	D614G	1

C23604A	S	P681H	0.98
C23664T	S	A701V	0.41
C23709T	S	T716I	0.99
T24506G	S	S982A	0.55
G24914C	S	D1118H	0.94
C25517T	ORF3a	P42L	0.36
C27972T	ORF8	Q27*	0.93
A28095T	ORF8	K68*	0.93
A28111G	ORF8	Y73C	0.96
A28271 (del1)	-	deletion	0.97
GAT28280CTA	N	D3L	0.97
C28869T	N	P199L	0.38
GGG28881AAC	N	R203K, G204R	0.55
C28977T	N	S235F	0.88
C29137T	N	synonymous	0.54

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218 **Supplementary Table 3. GISAID Acknowledgement Table.**

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229 **Supplementary Figure 1. SNP variations in all available 20I/501Y.V1+E484K**

230 **isolates.**

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