

Variant table of passage 2 (#101000, lot 26102020)

In green are variants present in the sequence provided by the depositor.

Details about the sequencing protocol is available on request.

Position (NC_045512.2)	Ref	Alt	SNP/indel	Syn/NonSyn	Proportion	Gene
241	C	T	SNP	N/A	0.9992	CHR_START-ORF1ab
517	TATG	T	deletion	N/A	0.0151	ORF1ab
1191	C	T	SNP	Pro-->Leu	0.0278	ORF1ab
3037	C	T	SNP	Syn	0.9990	ORF1ab
3692	G	T	SNP	Val-->Ser	0.0188	ORF1ab
3888	A	G	SNP	Lys-->Arg	0.7844	ORF1ab
5073	A	C	SNP	Asp-->Ala	0.0740	ORF1ab
5467	C	T	SNP	Syn	0.7663	ORF1ab
6031	C	T	SNP	Syn	0.0651	ORF1ab
6554	G	A	SNP	Ala-->Thr	0.0256	ORF1ab
7124	C	T	SNP	Pro-->Ser	0.2018	ORF1ab
7430	T	G	SNP	Ser-->Ala	0.0886	ORF1ab
9165	C	T	SNP	Thr-->Ile	0.1985	ORF1ab
9479	G	T	SNP	Gly-->Cys	0.7946	ORF1ab
10688	G	A	SNP	Val-->Ile	0.0107	ORF1ab
11451	A	G	SNP	Gln-->Arg	0.1875	ORF1ab
12473	C	T	SNP	Syn	0.0911	ORF1ab
12706	T	C	SNP	Syn	0.1341	ORF1ab
14408	C	T	SNP	Pro-->Leu	0.9996	ORF1ab
17336	C	T	SNP	Thr-->Ile	0.1333	ORF1ab
17873	T	A	SNP	Phe-->Tyr	0.0344	ORF1ab
18705	C	T	SNP	Syn	0.0160	ORF1ab
18954	T	C	SNP	Syn	0.0797	ORF1ab
19335	T	C	SNP	Syn	0.0195	ORF1ab
19344	T	C	SNP	Syn	0.0345	ORF1ab
20139	A	G	SNP	Syn	0.0679	ORF1ab
21114	C	T	SNP	Syn	0.8587	ORF1ab
21627	C	T	SNP	Thr-->Ile	0.1464	S
21636	C	T	SNP	Pro-->Leu	0.1493	S
21987	G	T	SNP	Gly-->Val	0.8730	S
21990	TTTA	T	deletion	N/A	0.1035	S
21994	T	C	SNP	Syn	0.8830	S
21995	T	A	SNP	Tyr-->Asn	0.8835	S
22702	T	C	SNP	Syn	0.0192	S
22879	C	A	SNP	Asn-->Lys	0.9992	S
23042	T	C	SNP	Ser-->Pro	0.9998	S
23403	A	G	SNP	Asp-->Gly	0.9996	S
23765	T	G	SNP	Ser-->Ala	0.8774	S

24023	C	T	SNP	Syn	0.1060	S
25134	A	C	SNP	Lys-->Thr	0.1029	S
25658	C	T	SNP	Thr-->Ile	0.8989	ORF3a
26333	C	T	SNP	Thr-->Ile	0.9997	E
26395	C	T	SNP	Leu-->Phe	0.7575	E
26447	C	T	SNP	Ser-->Phe	0.1574	E
26557	A	G	SNP	Glu-->Gly	0.0958	M
26605	T	G	SNP	Phe-->Cys	0.8974	M
28826	C	T	SNP	Arg-->Cys	0.0296	N
29370	C	T	SNP	Thr-->Ile	0.0270	N

APPLICATIONS

Infectivity assay, viral growth, neutralisation assay.

DEPOSITORS

Original virus (passage 1) received from Prof. Arvind Patel, The MRC-University of Glasgow Centre for Virus Research, The University of Glasgow. Passage 2 virus grown by CFAR.

REFERENCE

Rihn et al., (2020). Manuscript in preparation

ACKNOWLEDGMENTS

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