

Ancestral	NC	045512.2	TGGTGCATCGTGTGGTCTGTACTGCCGTTGCCACATAGATCATCCAAATCCTAAAGGATTTTGTGACTTAAAAGGTAAGTATGTACAAATACCTACAACCTTGTGCTAATGACCCGTGTGG
Alpha	EPI	ISL 3547094	.....
Alpha	EPI	ISL 11256669	.....
Alpha	EPI	ISL 11520713	.....
Beta	EPI	ISL 4648928	.....
Beta	EPI	ISL 5053750	.....
Beta	EPI	ISL 12045322	.....
Gamma	EPI	ISL 1969692	.....
Gamma	EPI	ISL 9806818	.....
Gamma	EPI	ISL 10631767	.....
Delta	EPI	ISL 10880057	.....
Delta	EPI	ISL 12266885	.....
Delta	EPI	ISL 12019364	.....
Epsilon	EPI	ISL 2887416	.....
Epsilon	EPI	ISL 18739600	.....
Epsilon	EPI	ISL 3776979	.....
Zeta	EPI	ISL 1198821	.....
Zeta	EPI	ISL 18426450	.....
Zeta	EPI	ISL 17544000	.....
Eta	EPI	ISL 16347671	.....
Eta	EPI	ISL 18120597	.....
Eta	EPI	ISL 2740636	.....
Theta	EPI	ISL 2423558	.....
Theta	EPI	ISL 2501733	.....
Theta	EPI	ISL 1244897	.....
Iota	EPI	ISL 17577493	.....
Iota	EPI	ISL 18017084	.....
Iota	EPI	ISL 13857894	.....
Kappa	EPI	ISL 16347668	.....
Kappa	EPI	ISL 3777162	.....
Kappa	EPI	ISL 12388136	.....
Lambda	EPI	ISL 3076712	.....
Lambda	EPI	ISL 8874883	.....
Lambda	EPI	ISL 4475841	.....
Mu	EPI	ISL 2933815	.....
Mu	EPI	ISL 8367942	.....
Mu	EPI	ISL 9763927	.....
Omicron BA.1	EPI	ISL 8880082	.....
Omicron BA.2	EPI	ISL 11413841	.....
Omicron BA.3	EPI	ISL 12197863	.....
Omicron BA.4	EPI	ISL 12256369	.....
Omicron BA.5	EPI	ISL 12291987	.....
Omicron XBB	EPI	ISL 18743678	.....
Omicron JN.1	EPI	ISL 18652540	.....
nCoV nsp10-F			.....
nCoV nsp10-probe			.....
nCoV_nsp10-R*			.....

* Reverse complement

Figure legend of Figure S1

Multiple sequence alignment of our primer and probe sequences and the nsp10 gene sequences of SARS-CoV-2 variants from different geographical regions. The alignment contains the primer and probe sequences with other reference sequences. The dots represent bases which were the same as the one in the ancestral sequence (NC_045512.2). The ‘~’ (tilde) symbols in the figure represent gaps in the alignment. However, the gaps do not represent deletions in the sequence.