

Supplementary table S3

Strain name	Clade (Next Clade)	PANGO lineage	IHU isolate	Spike amino acid substitutions	Spike amino acid deletions
Original/B virus	20B	B	IHUMI717	D614G, R682P	NI
Marseille-4 variant	20A	B.1.160	IHUMI2096	S477N, D614G	NI
Marseille-501 variant	19B	A.27	IHUMI3217	L18F, L452R, N501Y, A653V, H655Y, D796Y, D843N, G1219V	NI
Marseille-484K.V1 variant	20B	R.1	IHUMI3239	W152L, E484K, D614G, G769V	NI
Belgian variant	20A	B.1.214.2	IHUMI3246	Q414K, G446D, N450K, D614G, T716I, Y837D	NI
UK variant	20I (Alpha, V1)	B.1.1.7	IHUMI3076	N501Y, A570D, D614G, P681H, T716I, S982A, D1118H	H69-, V70-, Y144-
South African variant	20H (Beta, V2)	B.1.351	IHUMI3147	L18F, D80A, D215G, L242H, K417N, E484K, N501Y, D614G, A701V	A243-, L244-, H245-
Brazilian variant	20J (Gamma, V3)	B.1.1.28.1 (P1)	IHUMI3191	L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y, R682W, T1027I, V1176F	NI
Indian 1 variant	21A (Delta)	B.1.617.2	IHUMI3396	T19R, A67V, T95I, R158G, L452R, T478K, D614G, P681R, R682Q	E156-, F157-
Indian 2 variant	21A (Delta)	B.1.617.2	IHUMI3630	T19R, R158G, A222V, L452R, T478K, D614G, P681R, R682W, D950N, S1252F	E156-, F157-