

mut (nuc)	gene	mutation (aa)	BA.1	BA.2	B.1.1.529	notes
T670G	ORF1ab	S135R		Y		
C2790T	ORF1ab	T842I		Y		
A2832G	ORF1ab	K856R	Y			
C3037T	nuc	C3037T			Y	B.1
T5386G	nuc	T5386G	Y			
G4184A	ORF1ab	G1307S		Y		
C4321T	nuc	C4321T		Y		
6513_6515del	ORF1ab	SL2083I	Y			
G8393A	ORF1ab	A2710T	Y			
C9344T	ORF1ab	L3027F		Y		
A9424G	nuc	A9424G		Y		
C9534T	ORF1ab	T3090I		Y		
C9866T	ORF1ab	L3201F	Y			Not in CERI-KRISP-K032307
C10029T	ORF1ab	T3255I			Y	
C10198T	nuc	C10198T		Y		
G10447A	nuc	G10447A		Y		
C10449A	ORF1ab	P3395H			Y	
11288_11296del	ORF1ab	SGF3675del			Y	The exact position of this deletion is ambiguous in nucleotide coordinates
T11296G	ORF1ab	F3677L		Y		depending on the position of the deletion
G11287T	ORF1ab	L3674F	Y			depending on the position of the deletion
A11537G	ORF1ab	I3758V	Y			
C12880T	nuc	C12880T		Y		
C14408T	ORF1ab	P4715L			Y	B.1
C15240T	nuc	C15240T	Y			
C15714T	nuc	C15714T		Y		
C17410T	ORF1ab	R5716C		Y		
A18163G	ORF1ab	I5967V			Y	
C19955T	ORF1ab	T6564I		Y		
A20055G	nuc	A20055G		Y		
C21618T	S	T19I		Y		
21633_21641del	S	LPPA24S		Y		
C21762T	S	A67V	Y			
21765_21770del	S	HV69del	Y			
C21846T	S	T95I	Y			
G21987A (outlier); 21987_21995 (ma	S	G142D			Y	
21987_21995	S	VYY143del	Y			
22194_22196del	S	NL211I	Y			
T22200G	S	V213G		Y		
22205GAGCCAGAAins	S	215EPEins	Y			
G22578A	S	G339D			Y	
C22674T	S	S371F		Y		
T22673C, C22674T	S	S371L	Y			
T22679C	S	S373P			Y	
C22686T	S	S375F			Y	
A22688G	S	T376A		Y		
G22775A	S	D405N		Y		
A22786T	S	R408S		Y		
G22813T	S	K417N			Y	
T22882G	S	N440K			Y	
G22898A	S	G446S	Y			
G22992A	S	S477N			Y	
C22995A	S	T478K			Y	
A23013C	S	E484A			Y	
A23040G	S	Q493R			Y	
G23048A	S	G496S	Y			
A23055G	S	Q498R			Y	
A23063T	S	N501Y			Y	
T23075C	S	Y505H			Y	
C23202A	S	T547K	Y			
A23403G	S	D614G			Y	B.1
C23525T	S	H655Y			Y	
T23599G	S	N679K			Y	
C23604A	S	P681H			Y	
C23854A	S	N764K			Y	
G23948T	S	D796Y			Y	
C24130A	S	N856K	Y			
A24424T	S	Q954H			Y	
T24469A	S	N969K			Y	
C24503T	S	L981F	Y			
C25000T	nuc	C25000T			Y	
C25584T	nuc	C25584T			Y	
C26060T	ORF3a	T223I		Y		
C26270T	E	T9I			Y	
A26530G	M	D3G	Y			
C26577G	M	Q19E			Y	
G26709A	M	A63T			Y	
C26858T	nuc	C26858T		Y		
A27259C	nuc	A27259C			Y	
G27382C, A27383T, T27384C	ORF6	D61L	Y			(GAT->CTC)
C27807T	nuc	C27807T			Y	
A28271T	nuc	A28271T			Y	
C28311T	N	P13L			Y	
28362_28370del	N	ERS31del			Y	
G28881A, G28882A, G28883C	N	RG203KR			Y	(B.1.1.1)
A29510C	N	S413R		Y		