

Patient number	Collection date	VOC	S gene		ORF1ab	E	M	ORF7a		N
1			AF>90%	AF<90%	AF>90%	AF<90%	AF>90%	AF>90%	AF<90%	AF>90%
	2021-06-03	B.1.1.7	L822F		P1950L,A5376V, K5784R		V70L	P34L		P279Q
	2021-06-21	B.1.1.7	Q493R, L822F		P1950L,A5376V, K5784R		V70L	P34L		P279Q
	2021-07-06	B.1.1.7	Q493R, L822F	A243V (61%), L938F (47%)	P1950L,A5376V, K5784R		V70L	P34L		P279Q
	2021-07-12	B.1.1.7	Q493R, L822F	A243V (25%), G446V (42%), L938F (38%)	P1950L,A5376V, K5784R		V70L	P34L		P279Q
	2021-07-19	B.1.1.7	G446V, Q493R, L822F	R102I (64%) R246I (27%), E484Q (62%)	P1950L,A5376V, K5784R	V62F (28%)	V70L	P34L		P279Q
	2021-07-26	B.1.1.7	R102I, D215H, G446V, E484Q, Q493R, L822F		P1950L,A5376V, K5784R		V70L	P34L		P279Q
	2021-08-04	B.1.1.7	R102I, D215H, G446V, E484Q, Q493R, L822F	A67S (21%), G252V (69%), T573I (26%)	P1950L,A5376V, K5784R		V70L	P34L		P279Q
2	2022-01-21	BA.1.1.529 (BA.1.17)			P1803S					
	2022-02-12	BA.1.1.529 (BA.1.17)			P1803S					
3	2022-03-28	BA.1.1.529 (BA.2.9)			A2279V, L6404I					

4	2022-05-26	BA.1.1.529 (BA.2)							P34L (40%)	P326L (77%)
5	2022-01-09	BA.1.1.529 (BA.1.15)								P383L

Table 2: analysis of mutation profile of newly characterized SARS-CoV-2 isolates at baseline and during therapy of selected patients.