	BetaCoV Spike Protein Domain (20 AA segment at S1/S2 junction)	InterPro/UniProt Identifier (Representative)	Betacoronavirus (InterPro/UniProt description)	FCS (RXXR)	NLS (pat7)	*O*-Glycosite Pair ([S/T]XXPXXXX[S/T]
1	ASYQTQTNSPRRARSVASQS * ^ ^*	A0A8A6U9B3	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
2	ASYHTQTNSPRRARSVASQS * ^ ^*	A0A8B1JLN3	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
3	ASYQTHTNSPRRARSVASQS * ^ ^*	A0A8B1JBP8	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
4	ASYQTPTNSPRRARSVASQS * ^ ^*	A0A8B1J7Y2	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
5	ASYQTQTKSPRRARSVASQS * ^ ^*	A0A8B1J577	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
6	ASYQTQTNSPRRARSIASQS * ^ ^*	A0A8B6RWV4	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
7	ASYQTQTNSPRRARSLASQS * ^ ^*	A0A7U3EFX5	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
8	ASYQTQTNSPRRARSVAIQS * ^ ^*	A0A8B1JNU6	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
9	ASYQTQTNSPRRVRSVASQS * ^ ^*	A0A8B1KFT9	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
10	ASYHTQTNSPRRARSVASQS * ^ ^*	A0A8B6R9J1	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
11	ASYQTHTNSPRRARSVASQS * ^ ^*	A0A8B1JSL0	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
12	ASYQTQTKSPRRARSVASQS * ^ ^*	A0A8B6RKN5	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
13	ASYQTQTNSPRRARSLASQS * ^ ^*	A0A7U3EFX5	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
14	ASYQTQTNSPRRARSVASQS * ^ ^*	A0A6G5ZVU5	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
15	GAGICASYSPRRARSVASQS * ^ ^*	A0A8A1NDM2	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
16	ASYQTHTNSPRRARSVASQS * ^ ^*	A0A8B1J5Y9	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
17	ASYQTQTNSPRRARSLASQS * ^ ^*	A0A7U3EFK5	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
18	ASYQTQTNSPRRARSVVSQS * ^ ^*	A0A8B0GA47	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)	+	+	+
19	LPDTPSTLTPRRVRSVPGEM * ^ ^*	A0A7D5BTZ9	Middle East respiratory syndrome-related coronavirus (MERS-CoV)[1]	+	+	+
20	LPDTPSTLTPRSVRSVPGEM * ^ ^	K0BRG7	Middle East respiratory syndrome-related coronavirus (MERS-CoV)[2]	+	–	–
21	SGFCIDYALPSSRRKRRGIS ^ ^	Q0ZJI1	Human coronavirus HKU1 (HCoV-HKU1)[3]	+	+	–
22	ASYQTQTNS----RSVASQS	A0A6B9WHD3	Bat coronavirus RaTG13[4]	–	–	–

[1] Murine adapted (MA30), synthetic MERS clone from 2017

[2] Human betacoronavirus 2c EMC/2012 (first MERS isolate)

[3] Genotype B (not pat7-negative first 2005 isolate N1 with genotype A)

[4] Closest evolutionary betacoronavirus relative of SARS-CoV-2 genomic sequence (as of 2024); identical data for bat betacoronavirus BANAL-20-52

FCS: Furin Cleavage Site
NLS: Nulcear Localization Signal