Residues Mutated in H+L concatenated numbering	Residues Mutated in H/L chains separately numbered (from original m396 antibody)
S31	S31_H
Y32	Y32_H
T33	T33_H
W47	W47_H
G50	G50_H
I51	I51_H
T52	T52_H
I54	I53_H
L55	L54_H
I57	I56_H
A58	A57_H
N59	N58_H
Y60	Y59_H
A61	A60_H
Q62	Q61_H
D99	D95_H
T100	T96_H
V101	V97_H
M102	M98_H
G103	G99_H
G104	G100_H
N271	N27_L
G273	G29_L
S274	S30_L
K275	K31_L
W335	W91_L
D336	D92_L
S337	S93_L
S338	S94_L
D340	D95A_L
Y341	Y96_L

1-indexed list of indices of residues allowed to mutate (assuming light chain is concatenated at end of heavy chain):

[31,32,33,47,50,51,52,54,55,57,58,59,60,61,62,99,100,101,102,103,104,271,273,274,275,335,336,337,338,340,341]

Using '?' as the masked token, the SARS-CoV-1 (m396 antibody) template is:

QVQLQQSGAEVKKPGSSVKVSCKASGGTFS???ISWVRQAPGQGLE?MG???P??G??????
KFQGRVTITTDESTSTAYMELSSLRSEDTAVYYCAR??????
MDVWGQGTTVTVSSASTKGPSVFPLAPSSKSTSGGTSALGCLVKDYFPEPVTVSWNSGALTSG
VHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTSPLFVHH
HHHHGDYKDDDDKGSYELTQPPSVSVAPGKTARITCGGN?I???
SVHWYQQKPGQAPVLVVYDDSDRPSGIPERFSGSNSGNTATLTISRVEAGDEADYYCQV????
S??
VFGTGTKVTVLGQPKANPTVTLFPPSSEEFQANKATLVCLISDFYPGAVTVAWKADGSPVKAG
VETTKPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS