

SARS-CoV-2 Variant															
Mutation	POS	Wild-type	B.1.1.7 (Alpha)	B.1.351 (Beta)	B.1.1.248 (Gamma)	B.1.429 / CAL.20C (Epsilon)	C.37 (Lambda)	B.1.617.1 (Kappa)	B.1.617.2 (Delta)	B.1.621.1 (Mu)	B.1.525 (Eta)	B.1.526 (Iota)	B.1.1.529 (Omicron BA.1)	B.1.1.529 (Omicron BA.2)	B.1.1.529 (Omicron BA.4 & BA.5)
L0005F	0005											x			
S0013I	0013					x									
L0018F	0018				x										
T0019I	0019													x	x
T0019R	0019							x							
T0020N	0020				x										
L0024-	0024													x	x
P0025-	0025													x	x
P0026-	0026													x	x
P0026S	0026				x										
A0027S	0027													x	x
Q0052R	0052										x				
A0067V	0067										x		x		
H0069-	0069		x								x		x		x
V0070-	0070		x								x		x		x
G0075V	0075						x								
T0076I	0076						x								
D0080A	0080			x											
T0095I	0095							x		x		x	x		
D0138Y	0138				x										
G0142D	0142							x	x				x	x	x
+0143T	0143									x					
V0143-	0143												x		
Y0144-	0144		x								x		x		
Y0144S	0144									x					
Y0145-	0145												x		
Y0145N	0145									x					
W0152C	0152					x									
E0154K	0154							x							
E0156G	0156								x						
F0157-	0157								x						
R0158-	0158								x						
R0190S	0190				x										
N0211-	0211												x		
V0213G	0213													x	x
L0212I	0212												x		



P0681R	0681							x	x							
A0701V	0701			x									x			
T0716I	0716		x													
N0764K	0764												x	x	x	
D0796Y	0796												x	x	x	
N0856K	0856												x			
T0859N	0859							x								
F0888L	0888											x				
D0950N	0950								x	x						
S0982A	0982		x													
Q0954H	0954												x	x	x	
N0969K	0969												x	x	x	
L0981F	0981												x			
T1027I	1027				x											
Q1071H	1071							x								
D1118H	1118		x													
V1176F	1176				x											
<b>Buy PepMix™ Peptide Pools</b>	<b>Spike</b>	PM-WCPV-S-1 PM-WCPV-S-2	PM-SARS2- SMUT01-1	PM-SARS2- SMUT02-1	PM-SARS2- SMUT03-1	PM-SARS2- SMUT04-1	PM-SARS2- SMUT07-1	PM-SARS2- SMUT05-1	PM-SARS2- SMUT06-1				PM-SARS2- SMUT08-1	PM-SARS2- SMUT09-1	PM-SARS2- SMUT10-1 PM- SARS2-SMUT10-2	
	<b>Spike Collection</b>	PM-C-SARS2-SMUT-1														
	<b>RBD</b>	PM-WCPV-S-RBD	PM-SARS2- RBDMUT01-1	PM-SARS2- RBDMUT02- 1	PM-SARS2- RBDMUT03-1	PM-SARS2- RBDMUT04-1	PM-SARS2- RBDMUT07-1	PM-SARS2- RBDMUT05-1	PM-SARS2- RBDMUT06-1				PM-SARS2- RBDMUT08-1	PM-SARS2- RBDMUT09-1		
	<b>RBD Collection</b>	PM-C-SARS2-RBDMUT-1														
	<b>Fusion Peptide Collection</b>	PM-WCPV-SFP0- 1														
	<b>Wuhan Nsp Collection</b>	PM-C-SARS2-NSP- 1														
<b>Wuhan Structural Proteins</b>	PM-C-SARS2- WSP-2															
<b>Buy PepStar™ Microarrays</b>	<b>Spike</b>	RT-WCPV-S-V04	RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04		RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04	RT-WCPV-S- V04			
	<b>Spike Mutations</b>	RT-SARS2-SMUT01-2														