

Epitope Type	Epitope Position on S Protein	Paired Antibody	Reference DOI
Conformational	Q14,C15,V16,N17,T19,G142,V143,Y144,K147,E156,R158,L244,H245,R246,S247,Y248,L249,T250,P251,G252,S256	Fab4-18	10.1038/s41586-020-2852-1
Conformational	Q14,N17,L18,T76,K77,V143	Fab2-17	10.1101/2021.01.10.426120
Conformational	Q14,Y144,Y145,H146,K147,F157,G252,D253	COVOX-159	10.1016/j.chom.2021.03.005
Conformational	Q14, Y144, H146, K147, N148, N149, W152, M153, E154, E156, F157, R158, R246, Y248, L249, P251, G252, D253	Fab4-8	10.1016/j.cell.2021.02.032
Conformational	Q14,C15,Y144,H146,K147,E154,E156,R158,R246,Y248,L249,T250,P251,D253,S254	Fab5-24	10.1101/2021.01.10.426120
Conformational	V16,N17,T19,Y144,R246,S247,Y248,T250,P251,G252,D253,S254,S255,S256,G257	S2L28	10.1101/2021.01.10.426120
Conformational	V16,N17,T20,Y144,Y145,H146,K147,N148,S155,R158,R246,L249,T250,P251,G252,D253	S2M28	10.1016/j.cell.2021.03.028
Conformational	V16,N17,F140,G142,V143,Y144,Y145,H146,K147,N148,W152,E154,E156,R158,L244,H245,R246,L249,P251	S2X333	10.1016/j.cell.2021.03.028
Conformational	A27,Y28,T29,N30,F32,N61,W64,H66,I68,H69,K97,F186,N211,L212,V213,R214,D215,L216,P217,Q218,S605,N606	DH1052	10.1016/j.cell.2021.03.028
Conformational	N30,F32,W64,H66,I68,K97,N185,K187,N211,V213,R214	CoV2-2490	10.1016/j.cell.2021.06.021
Conformational	V42,F43,R44,S45,V47,L368,Y369,N370,F377,K378,C379,G381,S383,P384,T385,L390,D428,F429,T430	CR3022-New	10.1016/j.cell.2021.05.032
Conformational	S71,K97,S98,T124,Y145,H146,K147,K150,S151,W152,E180,G181,K182,Q183,N185,V213,H245,S247,Y248,L249,T259,A260,A262	P008_056	10.1038/s41467-020-19146-5
Conformational	F92,A93,S94,T95,E96,K97,S98,N99,I100,I101,K102,C136,N137,D138,P139,F140,L141,G142,V143,Y144,V171,S172,Q173,P174,F175,L176,M177,D178,L179,L242,A243,L244,H245,R246,S247,Y248,L249,T250,P251,G252,D253,S254,S255,S256,G257,W258,T259,A260,G261,A262,A263,A264	Ab88	10.1126/sciadv.abg7607

Conformational	C136,N137,D138,P139,F140,L141,G142,V143,Y144,V171,S172,Q173,P174,F175,L176,M177,D178,L242,A243,L244,H245,R246,S247,Y248,L249,T250,P251,G252,D253,S254,S255,S256,G257,W258,T259,A260,G261,A262,A263,A264	Ab55	10.1126/scitranslmed.abf1906
Conformational	C136,N137,D138,P139,F140,L141,G142,V143,Y144,V171,S172,Q173,P174,F175,L176,M177,D178,L179,L242,A243,L244,H245,R246,S247,Y248,L249,T250,P251,G252,D253,S254,S255,S256,G257,W258,T259,A260,G261,A262,A263,A264	Ab60	10.1126/scitranslmed.abf1906
Conformational	C136,N137,D138,P139,F140,L141,G142,V143,Y144,L242,L244,H245,R246,S247,Y248,L249,T250,P251,G252,D253,S254,S255,S256,G257,W258,T259,A260,G261,A262,A263,A264,Y265	Ab89	10.1126/scitranslmed.abf1906
Conformational	C136,N137,D138,P139,F140,L141,G142,V143,Y144,L242,L244,H245,R246,S247,Y248,L249,T250,P251,G252,D253,S254,S255,S256,G257,W258,T259,A260,G261,A262,A263,A264,Y265	Ab130	10.1126/scitranslmed.abf1906
Conformational	F140,G142,V143,Y145,H146,N148,N149,W152,E154,F157,A243,L244,H245	DH1050.1	10.1126/scitranslmed.abf1906
Conformational	Y144,Y145,H146,K147,R246,S247,Y248,L249,T250,P251,G252,S255	CM25	10.1016/j.cell.2021.06.021
Conformational	Y144,Y145,H146,K147,N148,K150,R246,S247,Y248,L249,T250,P251,G252,D253,S254	Fab2-51	10.1126/science.abg5268
Conformational	Y144,Y145,H146,K147,K150,W152,H245,R246,Y248,L249,T250,P251,G252,S254,S255,S256	Fab1-87	10.1101/2021.01.10.426120
Conformational	Y144,Y145,H146,K147,K150,W152,H245,R246,S247,Y248,L249	4A8	10.1101/2021.01.10.426120
Conformational	Y144,Y145,H146,K147,K150,W152,R246,S247,Y248,L249,S256	FC05	10.1126/science.abc6952
Conformational	Y145,K147,W152,Y248	CM17	10.1038/s41422-020-00446-w
Conformational	Y144,W152,R246,Y248	CM30	10.1126/science.abg5268
Conformational	T333,N334,L335,P337,G339,E340,V341,N343,A344,T345,K346,E354,K356,R357,I358,S359,N360,C361,N440,L441,K444,R509	S309	10.1126/science.abg5268

Conformational	N334,L335,P337,G339,E340,N343,A344,T345,R346,K356,R357,S359,C361,L441	S309-New	10.1038/s41586-020-2349-y
Conformational	G339,F342,N343,T345,R346,V367,L368,S371,S373,F374,W436,N437,S438,N440,L441,K444,N448,Y449,N450,Q498	BG10-19	10.1016/j.cell.2020.09.037
Conformational	S375,T376,K378,R408,Q409,Q414,K417,Y449,L452,L455,F456,A475,G482,E484,G485,F486,Y449,G339,F342,N343,V367,S371,A372,S373,F374,Y449,L455,F456,V483,E484,G485,F486,N487,Y488,E490,Q492,S494	BG7-20	10.1016/j.cell.2021.04.032
Conformational	F342,N343,L368,S371,A372,S373,F374,W436,L441,K444,G446,Y449,L452,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494	C144	10.1016/j.cell.2021.04.032
Conformational	F342,N343,L368,S371,A372,S373,W436,N440,L441	S2M11-New	10.1038/s41586-020-2852-1
Conformational	N343,A344,T345,R346,S373,W436,N437,N440,L441,S443,K444,V445,N448,N450,R509	S2M11	10.1016/j.cell.2021.03.028
Conformational	T345,R346,S438,N439,N440,L441,P499	CV38-142	10.1126/science.abe3354
Conformational	T345,R346,L441,D442,N448,Y449,N450,L452,F490,S494,Q498,P499,T500,R509	C135	10.1016/j.chom.2021.04.005
Conformational	T345,N439,N440,S443,K444,V445,G446,G447,N450,Q498,P499,T500,Q506	C110	10.1038/s41586-020-2852-1
Conformational	R346,F347,S349,Y351,K444,G446,G447,N448,Y449,N450,Y451,L452,T470,E484,F490,L492,Q492,S494	Fab2-7	10.1038/s41586-020-2852-1
Conformational	R346,Y351,K444,Y449,N450,L452,T470,I472,N481,G482,V483,E484,F490,L492,S494	CV07-270	10.1016/j.str.2021.05.014
Conformational	R346,N439,N440,S443,K444,V445,G446,G447,N450,Q498,P499,T500,N501,G502,Q506	47D1	10.1016/j.cell.2020.09.049
Conformational	R346,N440,L441,K444,V445,G446,N448,Y449,Q498	Ly-CoV1404	10.1016/j.celrep.2021.109109
Conformational	R346,K444,G446,G447,N448,Y449,N450,L452,V483,E484,G485,F490,S494	REGN10987	10.1101/2021.04.30.442182.
Conformational	R346,K444,Y449,N450,L452,I472,N481,G482,V483,E484,F490,L492	P2B-2F6	10.1126/science.abd0827
Conformational	Y351,A372,S375,T376,R408,Y449,L452,T470,I472,Y473,G482,V483,E484,G485,F486,Y489,F490,L492,Q493,S494,V503,G504,Y508	BD-368-2-New	10.1038/s41586-020-2380-z
Conformational	Y351,K444,V445,G446,G447,N448,Y449,N450,L452,T470,E484,F490,L492,Q493,S494,Q498	BG1-24	10.1038/s41422-021-00514-9
Conformational	Y351,G446,Y449,N450,L452,F456,T470,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494	Fab1-57	10.1016/j.cell.2021.04.032
Conformational	Y351,Y449,L455,T470,N481,G482,V483,E484,G485,F486,C488,Y489,F490,L492,Q493,S494	DH1043	10.1016/j.str.2021.05.014
Conformational	Y351,Y449,L455,T470,N481,G482,V483,E484,G485,F486,C488,Y489,F490,L492,Q493,S494	Ly-CoV555 (Ab169)	10.1016/j.cell.2021.06.021

Conformational	W353,N354,R355,K356,R357,S359,N360,N394,Y396,P426,D428,K462,P463,F464,E465,R466,I468,E516,L518,H519,A520,T523	COVOX-45	10.1126/scitranslmed.abf1906
Conformational	W353,R355,R357,Y396,P426,D427,D428,F429,K462,P463,F464,R466,S514,E516,L518,H519,A520,P521	S2H97	10.1016/j.cell.2021.02.032
Conformational	S366,Y369,N370,F374,F377,C379,Y380,G381,V382,S383,P384,T385,K386,N388,L390,F392,P412,D427,D428,F429,L517	EY6A-New	10.1101/2021.04.07.438818
Conformational	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,D389,L390,F392,D427,D428,F429,T430,F515,E516,L517,H519	CR3022	10.1016/j.cell.2021.03.055
Conformational	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,Y380,V382,S383,P384,T385,G404,D405,R408,T500,N501,G502,V503,G504,Q506	S2X259	10.1126/science.abb7269
Conformational	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,S383,P384,T385,R408,Q414	S2A4	10.1101/2021.04.07.438818
Conformational	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,S383,P384,D405,R408,Q409,Q414,T415,G416,N501,V503,G504,Y505	DH1047	10.1016/j.cell.2020.09.037
Conformational	Y369,N370,S371,F377,K378,C379,Y380,G381,V382,S383,P384,T385,R408,P412,G413,Q414,T415,G416,D427,D428,F429	COVA1-16-New	10.1016/j.cell.2021.06.021
Conformational	Y369,N370,A372,F374,K378,P384	C126	10.1016/j.chom.2021.04.005
Conformational	Y369,N370,F374,S375,T376,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,L390,R408,D428,T430,L517,L518	H11-D4	10.1016/j.celrep.2021.109604
Conformational	Y369,N370,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,N388,L390,F392,P412,G413,Q414,P426,D427,D428,F429,T430,F515,L517	S304	-
Conformational	Y369,S371,F377,K378,C379,Y380,G381,V382,S383,P384,T385,R408,P412,G413,Q414,T415,G416,D427,D428,F429	COVA1-16	10.1016/j.cell.2020.09.037;10.1038/s41586-020-2349-y
Conformational	Y369,S375,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,F392,P412,G413,D427,D428,F429,L517	EY6A	10.1016/j.immuni.2020.10.023
Conformational	A372,N440,K444,V445,Y449,N450,L455,T470,E471,N481,G482,V483,E484,G485,F486,Y489,F490,Q493,S494,T500	C002	10.1038/s41594-020-0480-y
Conformational	F374,S375,T376,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,R408,N437,V503,G504,Y508	CV2-75	10.1038/s41586-020-2852-1

Conformational	R403,D405,E406,R408,Q409,T415,G416,K417,D420,Y421,Y449,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,E484,F486,N487,Y489,F490,L492,Q493,S494,Y495,G496,Q498,T500,N501,G502,V503,G504,Y505	B38-New	10.1016/j.celrep.2021.109353
Conformational	R403,D405,E406,R408,Q409,T415,G416,K417,D420,Y421,Y449,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,F490,Q493,S494,Y495,G496,Q498,T500,N501,G502,G504,Y505	CB6-New	10.1038/s41467-020-19231-9
Conformational	R403,D405,E406,R408,Q409,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Y495,G496,Q498,T500,N501,G502,V503,Y505	COVOX-158	10.1038/s41467-020-19231-9
Conformational	R403,D405,E406,R408,Q409,T415,G416,K417,D420,Y421,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,Y495,G502,Y505	CB6	10.1016/j.cell.2021.02.032
Conformational	R403,D405,E406,R408,T415,G416,K417,D420,Y421,Y449,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,N487,Y489,Q493,S494,G496,T500,N501,G502,V503,Y505	P2B-1A10	10.1038/s41586-020-2381-y
Conformational	R403,D405,R408,Q409,T415,G416,K417,Y421,Y449,Y453,L455,F456,G485,F486,N487,Y489,Q493,S494,Y495,G496,N501,Y505	P5A-1B6	10.1038/s41422-021-00487-9
Conformational	R403,D405,R408,T415,G416,K417,D420,Y421,Y453,L455,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,Y495,G496,Q498,T500,N501,G502,Y505	COVOX-150	10.1038/s41422-021-00487-9
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,A475,G476,S477,F486,N487,Y489,Q493,G496,Q498,T500,N501,G502,Y505	BD-604-new	10.1016/j.cell.2021.02.032
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,T478,F486,N487,Y489,Q493,N501,Y505	BD-629	10.1038/s41422-021-00514-9
Conformational	R403,D405,T415,G416,K417,D420,Y421,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,N501,G502,Y505	Ly-CoV488 (Ab133)	10.1016/j.cell.2020.09.035
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Y495,N501,Y505	CC12.3	10.1126/scitranslmed.abf1906
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Q493,S494,Y495,G496,T500,N501,G502,Y505	COVA2-04	10.1126/science.abd2321

Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,Y489,Y495,G496,N501,Y505	CC12.3-New	10.1016/j.celrep.2020.108274
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,G504,Y505	910-30	10.1126/science.abe6230
Conformational	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,F490,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	CV30	10.1101/2020.12.31.424987
Conformational	R403,D405,T415,G416,K417,D420,Y421,L455,F456,R457,K458,N460,Y473,A475,G476,S477,E484,F486,N487,Y489,F490,Q493,S494,G496,Q498,N501,G502,Y505	BD-508	10.1038/s41467-020-19231-9
Conformational	R403,E406,R408,Q409,G416,K417,Y449,Y453,L455,F456,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	P2B-1A1	10.1038/s41422-021-00514-9
Conformational	R403,E406,Q409,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	COVOX-269	10.1038/s41422-021-00487-9
Conformational	R403,R408,Q409,Q414,T415,G416,K417,D420,Y421,G446,Y449,F456,A475,G476,S477,F486,N487,Y489,Q493,S494,G496,Q498,N501,Y505	P5A-2G9	10.1016/j.cell.2021.02.032
Conformational	R403,R408,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	C1A-B3	10.1038/s41422-021-00487-9
Conformational	R403,Q409,T415,G416,K417,D420,Y421,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,F490,Q493,Y495,G496,Q498,N501,G502,Y505	B38	10.1016/j.cell.2021.03.027
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,G502,Y505	P2C-1F11	10.1126/science.abc2241
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Y495,G496,Q498,T500,N501,G502,Y505	COVOX-40	10.1038/s41467-020-20501-9
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,Y505	BG4-25	10.1016/j.cell.2021.02.032

Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	P4A1	10.1016/j.cell.2021.04.032
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	C1A-C2	10.1038/s41467-021-22926-2
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,V503,Y505	BD-236	10.1016/j.cell.2021.03.027
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Q493,Q498,T500,N501,G502,Y505	C1A-F10	10.1016/j.cell.2020.09.035
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,T500,N501,G502,Y505	C102	10.1016/j.cell.2021.03.027
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	C1A-B12	10.1038/s41586-020-2852-1
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,Q498,T500,N501,G502,V503,Y505	BD-604	10.1016/j.cell.2021.03.027
Conformational	R403,T415,G416,K417,D420,Y421,Y453,L455,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,V503,Y505	Ly-CoV481 (Ab128)	10.1016/j.cell.2020.09.035
Conformational	R403,T415,G416,K417,D420,Y421,L455,F456,R457,N460,Y473,A475,G476,F486,N487,Y489,Q493,G496,T500,N501,G502,Y505	P5A-1B8	10.1126/scitranslmed.abf1906
Conformational	R403,T415,K417,D420,Y421,L455,R457,K458,N460,Y473,Q474,A475,G476,S477,T478,F486,N487,Y489,N501,G502,Y505	BD-515	10.1038/s41422-021-00487-9
Conformational	R403,K417,Y449,N450,L452,Y453,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494,Y495,Y505	CT-P59	10.1038/s41422-021-00514-9
Conformational	R403,K417,Y449,L452,Y453,L455,F456,E484,G485,F486,C488,Y489,F490,L492,Q493,Y505	P5A-2G7	10.1038/s41467-020-20602-5
Conformational	R403,K417,Y453,L455,F456,E484,G485,F486,N487,C488,Y489,Q493,N501,G502,Y505	COVOX-88	10.1038/s41422-021-00487-9
Conformational	R403,V445,G446,Y449,Y453,L455,F456,N487,Y489,Q493,Y495,G496,Q498,P499,T500,N501,G502,Y505	S2H14	10.1016/j.cell.2021.02.032

Conformational	G404,D405,E406,V407,R408,Q414,T415,Y449,L452,L455,A475,E484,G485,F486,Y489,F490,L492,Q493,S494,V503,G504,Y505,Y508	C121	10.1016/j.cell.2020.09.037
Conformational	D405,R408,T415,G416,Y421,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,T500,N501,G502,Y505	C105	10.1038/s41586-020-2852-1
Conformational	D405,E406,T415,K417,D420,Y453,L455,F456,R457,A475,S477,F486,Y489,N487,Q493,G496,Q498,T500,N501,G502,Y505	CC12.1	10.1016/j.cell.2020.06.025; 10.1038/s41586-020-2456-9
Conformational	D405,K417,D420,L455,F456,N460,I472,Y473,A475,G476,F486,N487,Y489,G504	Ly-CoV016	10.1126/science.abd2321
Conformational	R408,K444,T470,V483,F486,F490,V503,G504	C104	10.1016/j.xcrm.2021.100255
Conformational	T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	CV30	10.1038/s41586-020-2852-1
Conformational	T415,G416,K417,D420,Y421,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,G496,Y505	P5A-3A1	10.1038/s41467-020-19231-9
Conformational	T415,G416,K417,D420,Y432,Y453,L455,R457,K458,N460,Y473,A475,G476,F486,N487,Y489,S494,Y495,G496,Q498,T500,N501,G502,Y504	SET90-C11	10.1038/s41422-021-00487-9
Conformational	T415,Y421,A475,G476,N487,S494,G502	BG1-22	10.1016/j.celrep.2021.109433
Conformational	K417,D420,L455,F456,N460,Y473,A475	C105-New	10.1016/j.cell.2021.04.032
Conformational	K417,Y453,L455,F456,E484,G485,F486,N487,C488,Y489,Q493	REGN10933	10.1038/s41467-021-24435-8
Conformational	Y421,F456,R457,Y473,A475,G476,S477,E484,G485,F486,N487,Y489,Q493	P5A-2F11	10.1126/science.abd0827
Conformational	N439,N440,S443,K444,V445,G446,G447,Y449,N450,S494,P499,T500,Q506	BG7-15	10.1038/s41422-021-00487-9
Conformational	N440,L441,S443,K444,V445,G446,G447,N448,Y449,N450,L452,F490,L492,Q493,S494,Y495,G496	COVOX-75	10.1016/j.cell.2021.04.032
Conformational	K444,V445,G446,Y449,N450,E484,Q493,S494,Q498,G504,Y505	C119	10.1016/j.cell.2021.02.032
Conformational	K444,G446,Y449,N450,L452,N481,G482,V483,E484,G485,F490	BD-368-2	10.1038/s41586-020-2852-1
Conformational	K444,G447,N448,Y449,L452,F490,S494	C110-New	10.1016/j.cell.2020.09.035
Conformational	V445,G446,Y449,F456,T478,N481,V483,E484,G485,F486,N487,Y489,F490,L492,Q493,S494,Q498,T500	P2C-1A3	10.1038/s41467-021-24435-8
Conformational	G446,G447,Y449,F456,T470,V483,E484,G485,F486,C488,Y489,F490,P491,L492,Q493,S494,Q498	CV05-163	10.1038/s41467-020-20501-9

Conformational	G446,N448,Y449,L452,E484,G485,F486,N487,Y489,F490,L492,Q493,S494	P5A-1B9	10.1126/science.abh1139
Conformational	G446,Y449,L452,T478,V483,E484,G485,F486,N487,Y489,F490,L492,Q493,S494,G496,Q498	Fab2-15	10.1038/s41422-021-00487-9
Conformational	G446,Y449,N481,G482,V483,E484,G485,F486,F490,S494	S2H13	10.1016/j.celrep.2021.108950
Conformational	G446,Y449,E484,G485,F486,Y489,F490,L492,Q493,S494,G496,Q498,N501,Y505	BD-23	10.1016/j.cell.2020.09.037
Conformational	G446,Y449,Y453,L455,F456,A475,G476,S477,T478,G485,F486,N487,Y489,Q493,Y495,Q498,N501,Y505	CV07-250	10.1016/j.cell.2020.05.025
Conformational	G446,Y449,F456,A475,V483,E484,G485,F486,N487,Y489,Q493	COVA2-39	10.1016/j.cell.2020.09.049
Conformational	Y449,L452,T470,E471,I472,N481,G482,V483,E484,G485,F486,F490,L492,Q493,S494	DH1041	10.1016/j.celrep.2020.108274
Conformational	Y449,Y453,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494	Fab2-4	10.1016/j.cell.2021.06.021
Conformational	Y449,L455,F456,V483,E484,G485,F486,Y489,F490,Q493,S494	H4	10.1038/s41586-020-2571-7
Conformational	Y449,L455,F456,V483,E484,G485,F486,Y489,F490,L492,Q493,S494	COVOX-316	10.1016/j.celrep.2021.108950
Conformational	L452,L455,F456,I472,N481,G482,V483,E484,G485,F486,Y489,F490	COVOX-384	10.1016/j.cell.2021.02.032
Conformational	L452,I472,V483,E484,G485,F486,F490,Q493,S494	Ly-CoV555	10.1016/j.cell.2021.02.032
Conformational	L455,F456,K458,Y473,A475,G476,S477,T478,G485,F486,N487,Y489,Q493	COVOX-253	10.1016/j.xcrm.2021.100255
Conformational	L455,K458,Y473,A475,G476,S477,T478,G485,F486,N487,C488,Y489,Q493	COVOX-253H55L	10.1016/j.cell.2021.02.032
Conformational	L455,F456,E484,F486,F490,Q493	C002-New	10.1016/j.cell.2021.02.032
Conformational	L455,Y473,A475,G476,S477,E484,G485,F486,N487,C488,Y489	S2E12	10.1038/s41467-021-24435-8
Conformational	F456,Y473,A475,G476,S477,T478,V483,E484,G485,F486,N487,C488,Y489	BD-623	10.1126/science.abe3354
Conformational	Y473,A475,T478,F486,N487	COVOX-253H165L	10.1038/s41422-021-00514-9
Conformational	V483,E484,F486,Y489	P5A-3C12	10.1016/j.cell.2021.02.032
Conformational	K814,Y917,Q920,K921	COV2-2002/COV2-2333	10.1038/s41422-021-00487-9
Conformational	K814,I980,R995,Q1002	CnC2t1p1_B10	10.1016/j.celrep.2021.109604
Conformational	I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494,Y495	Ab18	10.1016/j.celrep.2021.109604

Conformational	D467,I468,S469,T470,E471,I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494,Y495,G496,F497,Q498,P499,T500,N501,G502,V503,G504,Y505,Q506,P507,Y508,R509,V510,V511,V512,L513	Ab104	10.1126/scitranslmed.abf1906
Conformational	D467,I468,S469,T470,E471,I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489	Ab116	10.1126/scitranslmed.abf1906
Conformational	V433,I434,A435,W436,N437,S438,N439,N440,L441,D442,S443,K444,V445,G446,G447,N448,Y449,N450,Y451,L452,Y453,R454,L455,G496,F497,Q498,P499,T500,N501,G502,V503,G504,Y505,Q506,P507,Y508,R509,V510,V511,V512,L513	Ab145	10.1126/scitranslmed.abf1906
Conformational	C136,N137,D138,P139,F140,L141,G142,V143,T307,V308,E309,K310,G311,I312,Y313,Q314,T315,S316,N317,F318,P621,V622,A623,I624,H625,A626,D627,Q628,L629,T630,P631,T632,W633,R634,V635,Y636	Ab82	10.1126/scitranslmed.abf1906
Conformational	I980,L981,S982,R983,L984,D985,K986,V987,E988,A989,E990,V991,Q992,I993,D994,R995,L996,I997,T998,G999,R1000,L1001,Q1002,S1003,L1004,Q1005,T1006,I1179,Q1180,K1181,E1182,I1183,D1184,R1185,L1186	Ab127	10.1126/scitranslmed.abf1906
Conformational	N960,T961,L962,V963,K964,Q965,L966,S967,S968,N969,F970,G971,A972,I973,S974,S975,V976,L977,N978,D979,I980,L981,S982,R983,L984,D985,K986,V987,E988,A989,E990,V991,Q992,I993,D994,R995,L996,I997,T998,G999,R1000,L1001,Q1002,S1003,L1004,Q1005,T1006,Y1007	Ab164	10.1126/scitranslmed.abf1906
Conformational	K417,I418,A419,D420,Y421,V433,I434,A435,W436,N437,S438,N439,N440,L441,D442,S443,K444,S459,N460,L461,K462,P463,F464,E465,R466,D467,I468,S469,T470,E471,I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494,Y495,G496,F497,Q498,P499,T500,N501,G502,V503,G504,Y505,Q506,P507,Y508,R509,V510,V511,V512,L513	Ly-CoV488 (Ab133)	10.1126/scitranslmed.abf1906
Conformational	D467,I468,S469,T470,E471,I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,G496,F497,Q498,P499,T500,N501,G502,V503,G504,Y505,Q506,P507,Y508,R509,V510,V511,V512,L513	Ly-CoV481 (Ab128)	10.1126/scitranslmed.abf1906

Conformational	V433,I434,A435,W436,N437,S438,N439,N440,L441,D442,S443,K444,S459,N460,L461,K462,P463,F464,E465,R466,D467,I468,S469,T470,E471,I472,Y473,Q474,A475,G476,S477,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494,Y495,	Ly-CoV555 (Ab169)	10.1126/scitranslmed.abf1906
Linear	487-498;553-684;764-829;884-895;1148-1159;1256-1273	N/A	10.1038/s41423-020-00523-5
Linear	209-226;553-570;769-786;809-826	N/A	10.1016/j.ebiom.2020.102911
Linear	562-579;818-835	N/A	10.1038/s41467-020-16638-2
Linear	554-593;654-673;806-825;1146-1165	N/A	10.1080/22221751.2020.1815591
Linear	556-570;675-689;721-733	N/A	10.1101/2020.08.27.267716
Linear	553-564;655-672;787-798;811-822;1123-1134;1147-1158	N/A	10.1371/journal.pone.0238089
Linear	25-36;451-474;523-685;770-829;1148-1159;1256-1273	N/A	10.2139/ssrn.3671941
Linear	21-45;221-245;261-285;330-349;375-394;450-469;480-499;522-586;602-646;902-926	N/A	10.1038/s41422-020-0366-x
Linear	551-570;766-785;811-830;1144-1163	N/A	10.1126/science.abd4250
Linear	421-434;742-759	N/A	10.3390/microorganisms8121993
Linear	79-93	N/A	10.3390/vaccines9010035
Linear	560-572;819-824;1150-1156	N/A	10.1016/j.xcrm.2020.100189
Linear	556-570	N/A	10.1016/j.celrep.2020.108666
Linear	397-403;557-567;661-671;789-799;813-823;1145-1159;1259-1271	N/A	10.1002/eji.202049101
Linear	541-579;801-839;1141-1179;1121-1159	N/A	10.1016/j.celrep.2021.109164
Linear	21-35;176-190;451-465;551-565;671-685;811-825;881-895;1146-1160;1166-1180;1216-1230	N/A	10.1172/jci.insight.148855.

Linear	1031-1045	N/A	10.1186/s12866-021-02241-y
--------	-----------	-----	----------------------------