

Table S1. The list of epitopes and paired antibodies.						
Group	Antibody	Reference DOI	PDB	Epitope	Source	Reference
NTD	Fab2-17	10.1016/j.chom.2021.03.005	7LQW	Q14,N17,L18,T76,K77,V143	IEDB	[1]
	COVOX-159	10.1016/j.cel.2021.02.032	7NDD	Q14,Y144,Y145,H146,K147,F157,G252,D253	IEDB	[2]
	Fab4-8	10.1016/j.chom.2021.03.005	7LQV	Q14,Y144,H146,K147,N148,N149,W152,M153,E154,E156,F157,R158,R246,Y248,L249,P251,G252,D253	IEDB	[1]
	Fab5-24	10.1016/j.chom.2021.03.005	7L2F	Q14,C15,Y144,H146,K147,E154,E156,R158,R246,Y248,L249,T250,P251,D253,S254	IEDB	[1]
	DH1050.1	10.1016/j.cel.2021.06.021	7LCN	F140,G142,V143,Y145,H146,N148,N149,W152,E154,F157,A243,L244,H245	IEDB	[3]
	S2X333	10.1016/j.cel.2021.03.028	7LXY	V16,N17,F140,G142,V143,Y144,Y145,H146,K147,N148,W152,E154,E156,R158,L244,H245,R246,L249,P251	IEDB	[4]
	S2M28	10.1016/j.cel.2021.03.028	7LY3	V16,N17,T20,Y144,Y145,H146,K147,N148,S155,R158,R246,L249,T250,P251,G252,D253	IEDB	[4]
	S2L28	10.1016/j.cel.2021.03.028	7LXZ	V16,N17,T19,Y144,R246,S247,Y248,T250,P251,G252,D253,S254,S255,S256,G257	IEDB	[4]
	Fab4-18	10.1016/j.chom.2021.03.005	7L2E	Q14,C15,V16,N17,T19,G142,V143,Y144,K147,E156,R158,L244,H245,R246,S247,Y248,L249,T250,P251,G252,S256	IEDB	[1]
	CM25	10.1126/science.abg5268	7M8J	Y144,Y145,H146,K147,R246,S247,Y248,L249,T250,P251,G252,S255	IEDB	[5]
	Fab2-51	10.1016/j.chom.2021.03.005	7L2C	Y144,Y145,H146,K147,N148,K150,R246,S247,Y248,L249,T250,P251,G252,D253,S254	IEDB	[1]
	Fab1-87	10.1016/j.chom.2021.03.005	7L2D	Y144,Y145,H146,K147,K150,W152,H245,R246,Y248,L249,T250,P251,G252,S254,S255,S256	IEDB	[1]
	4A8	10.1126/science.abg6952	7C2L	Y144,Y145,H146,K147,K150,W152,H245,R246,S247,Y248,L249	IEDB	[6]
	FC05	10.1038/s41422-020-00446-w	7CWU	Y144,Y145,H146,K147,K150,W152,R246,S247,Y248,L249,S256	IEDB	[7]
	CM17	10.1126/science.abg5268	N/A	Y145,K147,W152,Y248	Reference Figure	[5]
	CM30	10.1126/science.abg5268	N/A	Y144,W152,R246,Y248	Reference Figure	[5]
	P008_056	10.1126/sciadv.abg7607	7NTC	S71,K97,S98,T124,Y145,H146,K147,K150,S151,W152,E180,G181,K182,Q183,N185,V213,H245,S247,Y248,L249,T250,A260,A262	IEDB	[8]
	DH1052	10.1016/j.cel.2021.06.021	7LAB	A27,Y28,T29,N30,F32,N61,W64,H66,I68,H69,K97,F186,N211,L212,V213,R214,D215,L216,P217,Q218,S605,N606	IEDB	[3]
	CoV2-2490	10.1016/j.cel.2021.05.032	7DZY	N30,F32,W64,H66,I68,K97,N185,K187,N211,V213,R214	IEDB	[9]
RBD-1	CT-P59	10.1038/s41467-020-20602-5	7CM4	R403,K417,Y449,N450,L452,Y453,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494,Y495,Y505	IEDB	[10]
	P5A-2G7	10.1038/s41422-021-00487-9	7D03	R403,K417,Y449,L452,Y453,L455,F456,E484,G485,F486,C488,Y489,F490,L492,Q493,Y505	IEDB	[11]
	COVOX-88	10.1016/j.cel.2021.02.032	7ND4	R403,K417,Y453,L455,F456,E484,G485,F486,N487,C488,Y489,Q493,N501,G502,Y505	IEDB	[2]
	S2H14	10.1016/j.cel.2020.09.037	7JX3	R403,V445,G446,Y449,Y453,L455,F456,N487,Y489,Q493,Y495,G496,Q498,P499,T500,N501,G502,Y505	IEDB	[12]
	C121	10.1038/s41586-020-2852-1	7K8X,7K8Y	G404,D405,E406,V407,R408,Q414,T415,Y449,L452,L455,A475,E484,G485,F486,Y489,F490,L492,Q493,S494,Y503,G504,Y505,Y508	IEDB	[13]
	C105	10.1016/j.cel.2020.06.025; 10.1038/s41586-020-2456-9	6XCM,6XCN	D405,R408,T415,G416,Y421,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,T500,N501,G502,Y505	IEDB	[14,15]
	CC12.1	10.1126/science.abd2321	6XC2,6XC3	D405,E406,T415,K417,D420,Y453,L455,F456,R457,A475,S477,F486,Y489,N487,Q493,G496,Q498,T500,N501,G502,Y505	IEDB	[16]
	Ly-CoV016	10.1016/j.xcr.2021.100255	N/A	D405,K417,D420,L455,F456,N460,I472,Y473,A475,G476,F486,N487,Y489,G504	Reference Figure	[17]
	CV30'	10.1038/s41467-020-19231-9	6XE1	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	IEDB	[18]
	P5A-3A1	10.1038/s41422-021-00487-9	7D0C	T415,G416,K417,D420,Y421,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,G496,Y505	IEDB	[11]
	SET90-C11	10.1016/j.celrep.2021.109433	7B3O	T415,G416,K417,D420,Y432,Y453,L455,R457,K458,N460,Y473,A475,G476,F486,N487,Y489,S494,Y495,G496,Q498,T500,N501,G502,Y504	IEDB	[19]
	BG1-22	10.1016/j.cel.2021.04.032	7M6F	T415,Y421,A475,G476,N487,S494,G502	IEDB	[20]
	C105'	10.1038/s41467-021-24435-8	N/A	K417,D420,L455,F456,N460,Y473,A475	Reference Figure	[21]
	REGN10933	10.1126/science.abd0827	6XDG	K417,Y453,L455,F456,E484,G485,F486,N487,C488,Y489,Q493	IEDB	[22]
	P5A-2F11	10.1038/s41422-021-00487-9	7CZZ	Y421,F456,R457,Y473,A475,G476,S477,E484,G485,F486,N487,Y489,Q493	IEDB	[11]
	BG7-15	10.1016/j.cel.2021.04.032	7M6G	N439,N440,S443,K444,V445,G446,G447,Y449,N450,S494,P499,T500,Q506	IEDB	[20]
	COVOX-75	10.1016/j.cel.2021.02.032	7BEO	N440,L441,S443,K444,V445,G446,G447,N448,Y449,N450,L452,F490,L492,Q493,S494,Y495,G496	IEDB	[2]
	C119	10.1038/s41586-020-2852-1	7K8W	K444,V445,G446,Y449,N450,E484,Q493,S494,Q498,G504,Y505	IEDB	[13]
	BD-368-2	10.1016/j.cel.2020.09.035	7CHH,7CHF,7CHC,7CHE	K444,G446,Y449,N450,L452,N481,G482,V483,E484,G485,F490	IEDB	[23]
	C104	10.1038/s41586-020-2852-1	7K8U	R408,K444,T470,V483,F486,F490,V503,G504	IEDB	[13]
	P2C-1A3	10.1038/s41467-020-20501-9	7CDJ	V445,G446,Y449,F456,T478,N481,V483,E484,G485,F486,N487,Y489,F490,L492,Q493,S494,Q498,T500	IEDB	[24]
	CV05-163	10.1126/science.abh1139	7LOP	G446,G447,Y449,F456,T470,V483,E484,G485,F486,C488,Y489,F490,P491,L492,Q493,S494,Q498	IEDB	[25]
	P5A-1B9	10.1038/s41422-021-00487-9	7CZX	G446,N448,Y449,L452,E484,G485,F486,N487,Y489,F490,L492,Q493,S494	IEDB	[11]
	Fab2-15	10.1016/j.celrep.2021.108950	7LSB	G446,Y449,L452,T478,V483,E484,G485,F486,N487,Y489,F490,L492,Q493,S494,G496,Q498	IEDB	[26]
	S2H13	10.1016/j.cel.2020.09.037	7JV2,7JV4,7JV6	G446,Y449,N481,G482,V483,E484,G485,F486,F490,S494	IEDB	[12]
	BD-23	10.1016/j.cel.2020.05.025	7BYR	G446,Y449,E484,G485,F486,Y489,F490,L492,Q493,S494,G496,Q498,N501,Y505	IEDB	[27]
	CV07-250	10.1016/j.cel.2020.09.049	6XKQ	G446,Y449,Y453,L455,F456,A475,G476,S477,T478,G485,F486,N487,Y489,Q493,Y495,Q498,N501,Y505	IEDB	[28]
	COVA2-39	10.1016/j.celrep.2020.108274	7JMP	G446,Y449,F456,A475,V483,E484,G485,F486,N487,Y489,Q493	IEDB	[29]
	DH1041	10.1016/j.cel.2021.06.021	7LAA	Y449,L452,T470,E471,I472,N481,G482,V483,E484,G485,F486,F490,L492,Q493,S494	IEDB	[3]
	Fab2-4	10.1038/s41586-020-2571-7	6XEY	Y449,Y453,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494	IEDB	[30]
	H4	10.1016/j.celrep.2021.108950	7L58	Y449,L455,F456,V483,E484,G485,F486,Y489,F490,Q493,S494	IEDB	[26]
	COVOX-316	10.1016/j.cel.2021.02.032	7ND7	Y449,L455,F456,V483,E484,G485,F486,Y489,F490,L492,Q493,S494	IEDB	[2]
	COVOX-384	10.1016/j.cel.2021.02.032	7ND8	L452,L455,F456,I472,N481,G482,V483,E484,G485,F486,Y489,F490	IEDB	[2]
	Ly-CoV555	10.1016/j.xcr.2021.100255	N/A	L452,I472,V483,E484,G485,F486,F490,Q493,S494	Table	[17]
	COVOX-253	10.1016/j.cel.2021.02.032	7BEN	L455,F456,K458,Y473,A475,G476,S477,T478,G485,F486,N487,Y489,Q493	IEDB	[2]
	COVOX-253H55L	10.1016/j.cel.2021.02.032	7NDA	L455,K458,Y473,A475,G476,S477,T478,G485,F486,N487,C488,Y489,Q493	IEDB	[2]
	C002'	10.1038/s41467-021-24435-8	N/A	L455,F456,E484,F486,F490,Q493	Reference Figure	[21]
	S2E12	10.1126/science.abe3354	7K45,7K4N	L455,Y473,A475,G476,S477,E484,G485,F486,N487,C488,Y489	IEDB	[31]
	BD-623	10.1038/s41422-021-00514-9	7E7Y	F456,Y473,A475,G476,S477,T478,V483,E484,G485,F486,N487,C488,Y489	IEDB	[32]
	COVOX-253H165L	10.1016/j.cel.2021.02.032	7NDB	Y473,A475,T478,F486,N487	IEDB	[2]
	P5A-3C12	10.1038/s41422-021-00487-9	7D0D	V483,E484,F486,Y489	IEDB	[11]
	AZD8895	10.1038/s41564-021-00972-2	7L7E	L455,F456,A475,G476,S477,T478,P479,E484,G485,C488,F486,Y489,Q493	IEDB	[33]

RBD-2	C002	10.1038/s41586-020-2852-1	7K8S,7 K8T	A372,N440,K444,V445,Y449,N450,L455,T470,E471,N481,G482,V483,E484,G485,F486,Y489,F490,Q493,S494,T500	IEDB	[13]
	B38-New	10.1038/s41467-020-19231-9	7BZ5	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	IEDB	[18]
	CB6-New	10.1038/s41467-020-19231-9	7C01	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,V503,Y505	IEDB	[18]
	COVOX-158	10.1016/j.cell.2021.02.032	7ND6	R403,D405,E406,R408,Q409,T415,G416,K417,D420,Y421,Y449,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Y495,G496,Q498,T500,N501,G502,V503,Y505	IEDB	[2]
	CB6	10.1038/s41586-020-2381-y	7C01	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	IEDB	[34]
	P2B-1A10	10.1038/s41422-021-00487-9	7CZQ	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	IEDB	[11]
	P5A-1B6	10.1038/s41422-021-00487-9	7CZV	R403,D405,R408,Q409,T415,G416,K417,Y421,Y449,Y453,L455,F456,G485,F486,N487,Y489,Q493,S494,Y495,G496,N501,Y505	IEDB	[11]
	COVOX-150	10.1016/j.cell.2021.02.032	7ND5	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	IEDB	[2]
	BD-604-New	10.1038/s41422-021-00514-9	7E8F	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	IEDB	[32]
	BD-629	10.1016/j.cell.2020.09.035	7CH5,7 CHC	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	IEDB	[23]
	Ly-CoV488 (Ab133)	10.1126/scitranslmed.abf1906	7KMH	R403,D405,T415,G416,K417,D420,Y421,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,N501,G502,Y505	IEDB	[35]
	CC12.3	10.1126/science.abd2321	6XC4,6 XC7	R403,D405,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,Y495,N501,Y505	IEDB	[16]
	COVA2-04	10.1016/j.celrep.2020.108274	7JMO	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	IEDB	[29]
	CC12.3-New	10.1126/science.abe6230	7KN7	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,F486,N487,Y489,Y495,G496,N501,Y505	IEDB	[36]
	910-30	10.1016/j.celrep.2021.109771	7KS9	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,Y505	IEDB	[37]
	CV30	10.1038/s41467-020-19231-9	6XE1	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	IEDB	[18]
	BD-508	10.1038/s41422-021-00514-9	7E86	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	IEDB	[32]
	P2B-1A1	10.1038/s41422-021-00487-9	7CZP	R403,E406,R408,Q409,G416,K417,Y449,Y453,L455,F456,F486,N487,Y489,Q493,S494,Y495,G496,Q498,T500,N501,G502,Y505	IEDB	[11]
	COVOX-269	10.1016/j.cell.2021.02.032	7BEM	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	IEDB	[2]
	P5A-2G9	10.1038/s41422-021-00487-9	7CZT	R403,R408,Q409,Q414,T415,G416,K417,D420,Y421,G446,Y449,F456,A475,G476,S477,F486,N487,Y489,Q493,S494,G496,Q498,N501,Y505	IEDB	[11]
	C1A-B3	10.1016/j.cell.2021.03.027	7KFW	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	IEDB	[38]
	B38	10.1126/science.abc2241	7BZ5	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	IEDB	[39]
	P2C-1F11	10.1038/s41467-020-20501-9	7CDI	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,S459,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,G502,Y505	IEDB	[24]
	COVOX-40	10.1016/j.cell.2021.02.032	7ND3	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	IEDB	[2]
	BG4-25	10.1016/j.cell.2021.04.032	7M6D	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,Q474,A475,G476,S477,F486,N487,Y489,Q493,Y505	IEDB	[20]
	P4A1	10.1038/s41467-021-22926-2	7CJF	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	IEDB	[40]
	C1A-C2	10.1016/j.cell.2021.03.027	7KFX	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	IEDB	[38]
	BD-236	10.1016/j.cell.2020.09.035	7CHB,7 CHE	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	IEDB	[23]
	C1A-F10	10.1016/j.cell.2021.03.027	7KFY	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	IEDB	[38]
	C102	10.1038/s41586-020-2852-1	7K8M	R403,T415,G416,K417,D420,Y421,Y453,L455,F456,R457,K458,N460,Y473,A475,G476,S477,F486,N487,Y489,T500,N501,G502,Y505	IEDB	[13]
	C1A-B12	10.1016/j.cell.2021.03.027	7KfV	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	IEDB	[38]
	BD-604	10.1016/j.cell.2020.09.035	7CH4,7 CHF	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	IEDB	[23]
	Ly-CoV481 (Ab128)	10.1126/scitranslmed.abf1906	7KMI	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	IEDB	[35]
	P5A-1B8	10.1038/s41422-021-00487-9	7D00	R403,T415,G416,K417,D420,Y421,L455,F456,R457,N460,Y473,A475,G476,F486,N487,Y489,Q493,G496,T500,N501,G502,Y505	IEDB	[11]
	BD-515	10.1038/s41422-021-00514-9	7E88	R403,T415,K417,D420,Y421,L455,R457,K458,N460,Y473,Q474,A475,G476,S477,T478,F486,N487,Y489,N501,G502,Y505	IEDB	[32]
RBD-3	S309	10.1038/s41586-020-2349-y	6WPS,6 WPT	T333,N334,L335,P337,G339,E340,V341,N343,A344,T345,K346,E354,K356,R357,I358,S359,N360,C361,N440,L441,K444,R509	IEDB	[41]
	S309-New	10.1016/j.cell.2020.09.037	7JX3	N334,L335,P337,G339,E340,N343,A344,T345,R346,K356,R357,S359,C361,L441	IEDB	[12]
	BG10-19	10.1016/j.cell.2021.04.032	7M6E	G339,F342,N343,T345,R346,V367,L368,S371,S373,F374,W436,N437,S438,N440,L441,K444,N448,Y449,N450,Q498	IEDB	[20]
	BG7-20	10.1016/j.cell.2021.04.032	7M6H	S375,T376,K378,R408,Q409,Q414,K417,Y449,L452,L455,F456,A475,G482,E484,G485,F486,Y489,F490,L492,Q493,S494,V503,G504,Y505,Q506,Y508	IEDB	[20]
	C144	10.1038/s41586-020-2852-1	7K90	G339,F342,N343,V367,S371,A372,S373,F374,Y449,L455,F456,V483,E484,G485,F486,N487,Y489,F490,Q493,S494	IEDB	[13]
	S2M11-New	10.1016/j.cell.2021.03.028	7LY2	F342,N343,L368,S371,A372,S373,F374,W436,L441,K444,G446,Y449,L452,L455,F456,E484,G485,F486,Y489,F490,L492,Q493,S494	IEDB	[4]
	S2M11	10.1126/science.abe3354	7K43	F342,N343,L368,S371,A372,S373,W436,N440,L441	IEDB	[31]
	CV38-142	10.1016/j.chom.2021.04.005	7LM8	N343,A344,T345,R346,S373,W436,N437,N440,L441,S443,K444,V445,N448,N450,R509	IEDB	[42]
	AZD1061	10.1038/s41564-021-00972-2	7L7D	T345,R346,N439,N440,L441,S443,K444,V445,G446,G447,Y449,N450,L452,E484,F490,L492,Q493,S494,P499	IEDB	[33]
	C135	10.1038/s41586-020-2852-1	7K8Z	T345,R346,S438,N439,N440,L441,P499	IEDB	[13]
	C110	10.1038/s41586-020-2852-1	7K8V	T345,R346,L441,D442,N448,Y449,N450,L452,F490,S494,Q498,P499,T500,R509	IEDB	[13]
	Fab2-7	10.1016/j.str.2021.05.014	7LSS	T345,N439,N440,S443,K444,V445,G446,G447,N448,Y449,N450,Y451,L452,T470,E484,F490,L492,Q493,S494	IEDB	[43]
	CV07-270	10.1016/j.cell.2020.09.049	6XKP	R346,F347,S349,Y351,K444,G446,G447,N448,Y449,N450,Y451,L452,T470,E484,F490,L492,Q493,S494	IEDB	[28]
	47D1	10.1016/j.celrep.2021.109109	7MF1	R346,Y351,K444,Y449,N450,L452,T470,I472,N481,G482,V483,E484,F490,L492,S494	IEDB	[44]

	Ly-CoV1404	10.1101/2021.04.30.442182	7MMO	R346,N439,N440,S443,K444,V445,G446,G447,N450,Q498,P499,T500,N501,G502,Q506	IEDB	[45]
	REGN10987	10.1126/science.abd0827	6XDG	R346,N440,L441,K444,V445,G446,N448,Y449,Q498	IEDB	[22]
	P2B-2F6	10.1038/s41586-020-2380-z	7BWJ	R346,K444,G446,G447,N448,Y449,N450,L452,V483,E484,G485,F490,S494	IEDB	[46]
	BD-368-2	10.1038/s41422-021-00514-9	7E8F	R346,K444,Y449,N450,L452,I472,N481,G482,V483,E484,F490,L492	IEDB	[32]
	BG1-24	10.1016/j.cell.2021.04.032	7M6I	Y351,A372,S375,T376,R408,Y449,L452,T470,I472,Y473,G482,V483,E484,G485,F486,Y489,F490,L492,Q493,S494,V503,G504,Y508	IEDB	[20]
	Fab1-57	10.1016/j.str.2021.05.014	7LS9	Y351,K444,V445,G446,G447,N448,Y449,N450,L452,T470,E484,F490,L492,Q493,S494,Q498	IEDB	[43]
	DH1043	10.1016/j.cell.2021.06.021	7LJR	Y351,G446,Y449,N450,L452,F456,T470,T478,P479,C480,N481,G482,V483,E484,G485,F486,N487,C488,Y489,F490,P491,L492,Q493,S494	IEDB	[3]
	Ly-CoV555 (Ab169)	10.1126/scitranslmed.abf1906	7KMG	Y351,Y449,L455,T470,N481,G482,V483,E484,G485,F486,C488,Y489,F490,L492,Q493,S494	IEDB	[35]
RBD-4	EY6A	10.1016/j.cell.2021.03.055	7NXB	S366,Y369,N370,F374,F377,C379,Y380,G381,V382,S383,P384,T385,K386,N388,L390,F392,P412,D427,D428,F429,L517	IEDB	[47]
	CR3022	10.1126/science.abb7269	6W41,6 YLA,6Y MO	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	IEDB	[48]
	S2X259	10.1038/s41586-021-03817-4	7M7W	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,Y380,V382,S383,P384,T385,G404,D405,R408,T500,N501,G502,V503,G504,Q506	IEDB	[49]
	S2A4	10.1016/j.cell.2020.09.037	7JVA,7 JVC	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,S383,P384,T385,R408,Q414	IEDB	[12]
	DH1047	10.1016/j.cell.2021.06.021	7LD1	Y369,N370,S371,A372,F374,S375,T376,F377,K378,C379,S383,P384,D405,R408,Q409,Q414,T415,G416,N501,V503,G504,Y505	IEDB	[3]
	COVA1-16	10.1016/j.chom.2021.04.005	7LM8	Y369,N370,S371,F377,K378,C379,Y380,G381,V382,S383,P384,T385,R408,P412,G413,Q414,T415,G416,D427,D428,F429	IEDB	[42]
	C126	10.1016/j.celrep.2021.109604	N/A	Y369,N370,A372,F374,K378,P384	Reference Results	[50]
	H11-D4	10.1038/s41594-020-0469-6	6ZZM	Y369,N370,F374,S375,T376,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,L390,R408,D428,T430,L517,L518	IEDB	[51]
	S304	10.1016/j.cell.2020.09.037; 10.1038/s41586-020-2349-y	7JW0,7 JX3	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	IEDB	[12,41]
	COVA1-16	10.1016/j.immuni.2020.10.023	7JMW	Y369,S371,F377,K378,C379,Y380,G381,V382,S383,P384,T385,R408,P412,G413,Q414,T415,G416,D427,D428,F429	IEDB	[52]
	EY6A	10.1038/s41594-020-0480-y	6ZER,6 ZFO,6Z DG,6Z DH	Y369,S375,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,F392,P412,G413,D427,D428,F429,L517	IEDB	[53]
	CV2-75	10.1016/j.celrep.2021.109353	7M3I	F374,S375,T376,F377,K378,C379,Y380,G381,V382,S383,P384,T385,K386,R408,N437,V503,G504,Y508	IEDB	[54]
	COVOX-45	10.1016/j.cell.2021.02.032	7BEL	W353,N354,R355,K356,R357,S359,N360,N394,Y396,P426,D428,K462,P463,F464,E465,R466,I468,E516,L518,H519,A520,T523	IEDB	[2]
	S2H97	10.1038/s41586-021-03817-4	7M7W	W353,R355,R357,Y396,P426,D427,D428,F429,K462,P463,F464,R466,S514,E516,L518,H519,A520,P521	IEDB	[49]

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