Figure 1A

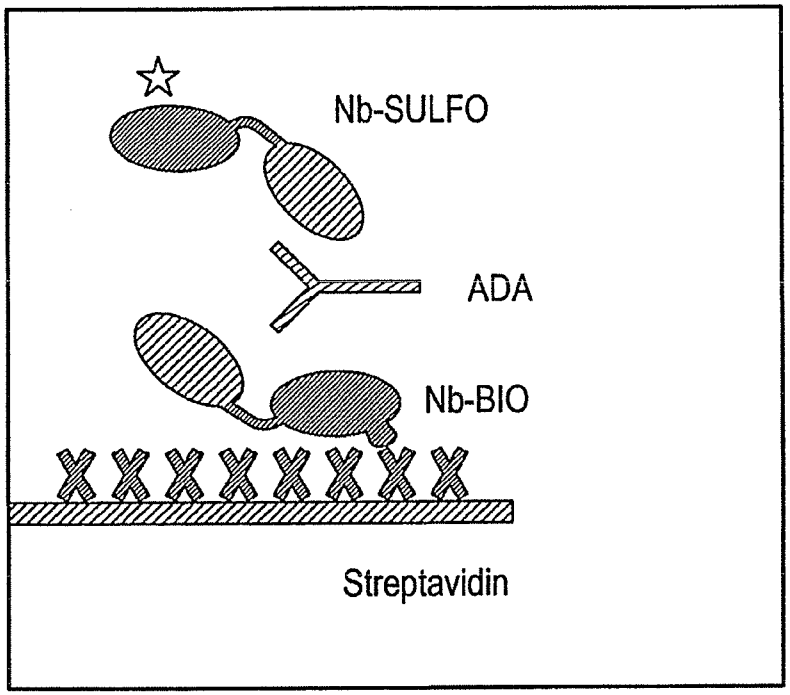


Figure 1B

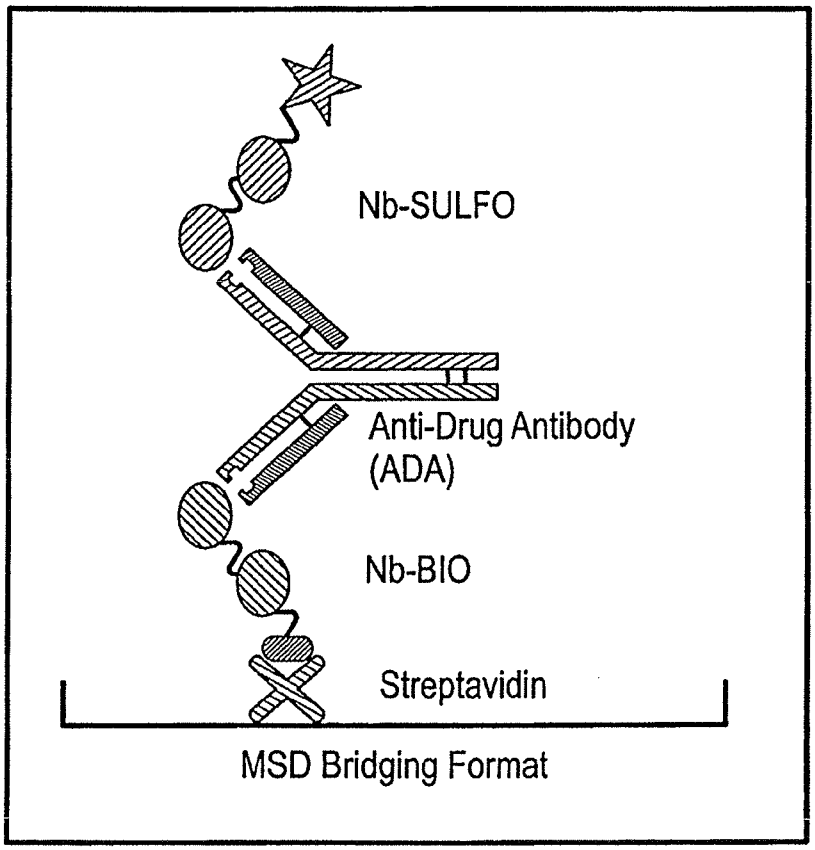

Nb-SULFO
Anti-Drug Antibody
(ADA)
Nb-BIO
Streptavidin
MSD Bridging Format

Figure 1C

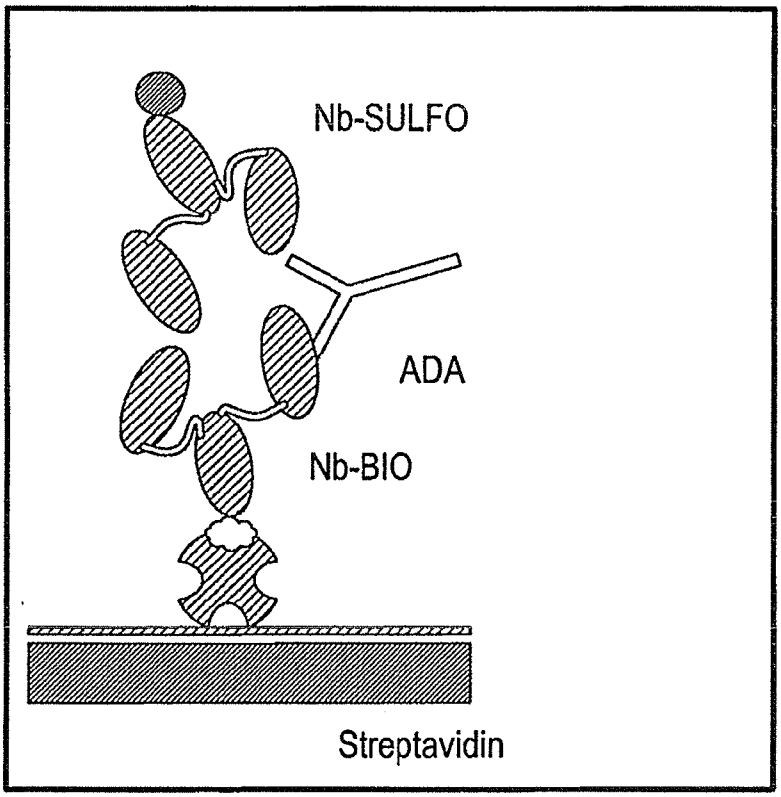


Figure 2

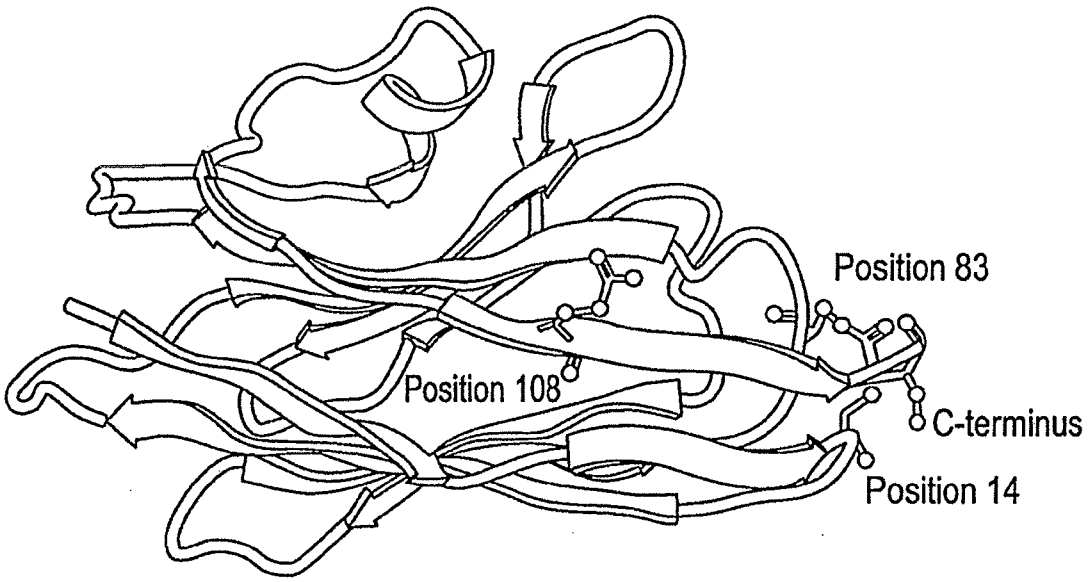


Figure 3

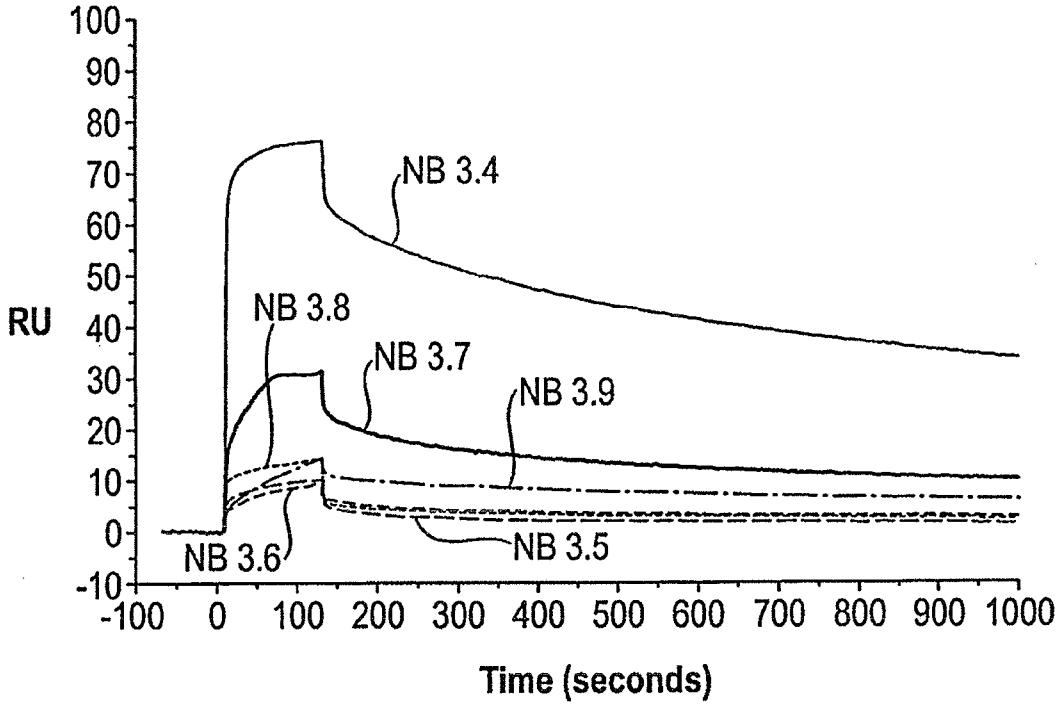

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90
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70
60
50
40
30
20
10
0
-10
RU
NB 3.4
NB 3.8
NB 3.7
NB 3.9
NB 3.6
NB 3.5
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0
100
200
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400
500
600
700
800
900
1000
Time (seconds)

Figure 4

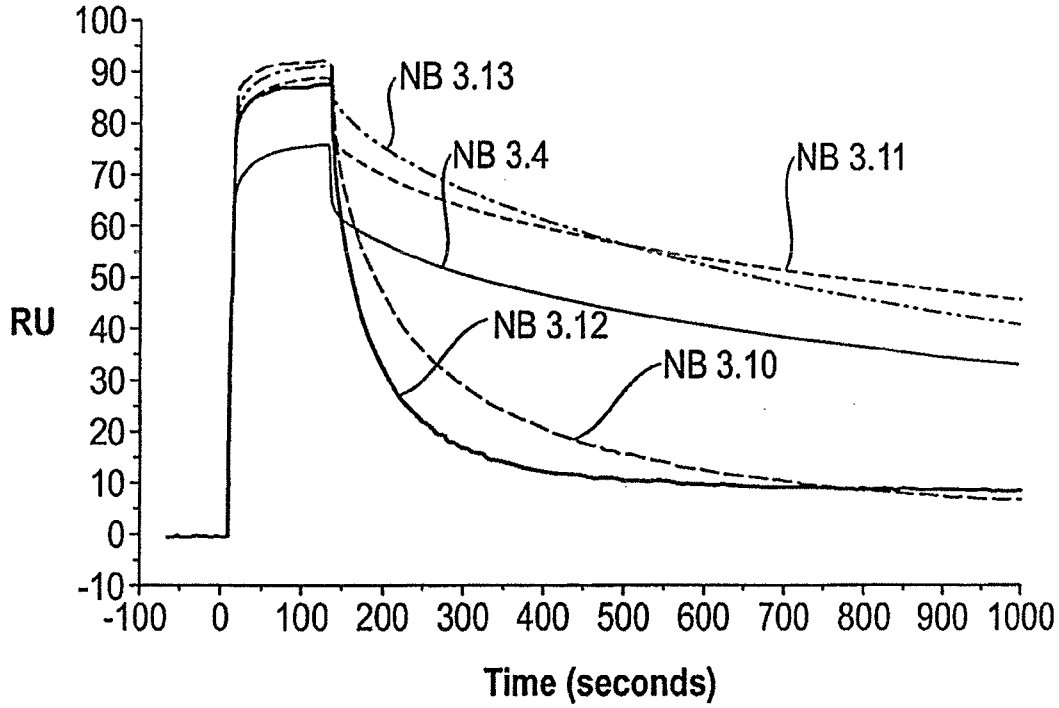

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Time (seconds)
NB 3.13
NB 3.4
NB 3.11
NB 3.12
NB 3.10

Figure 5

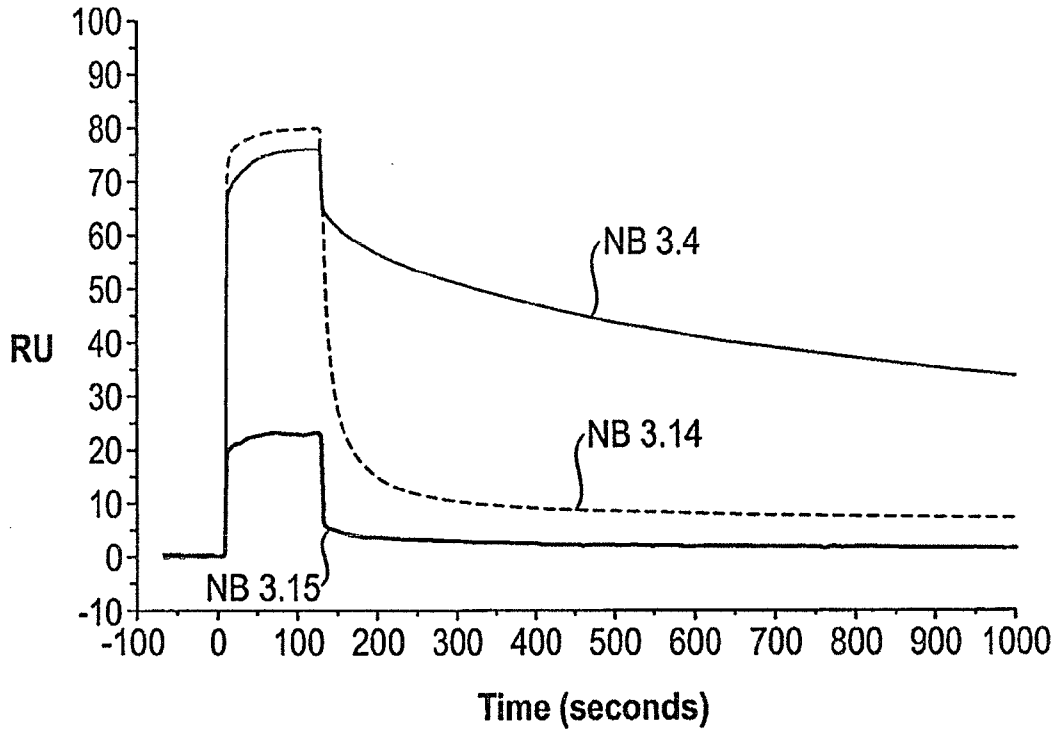

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NB 3.4
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Time (seconds)

Figure 6

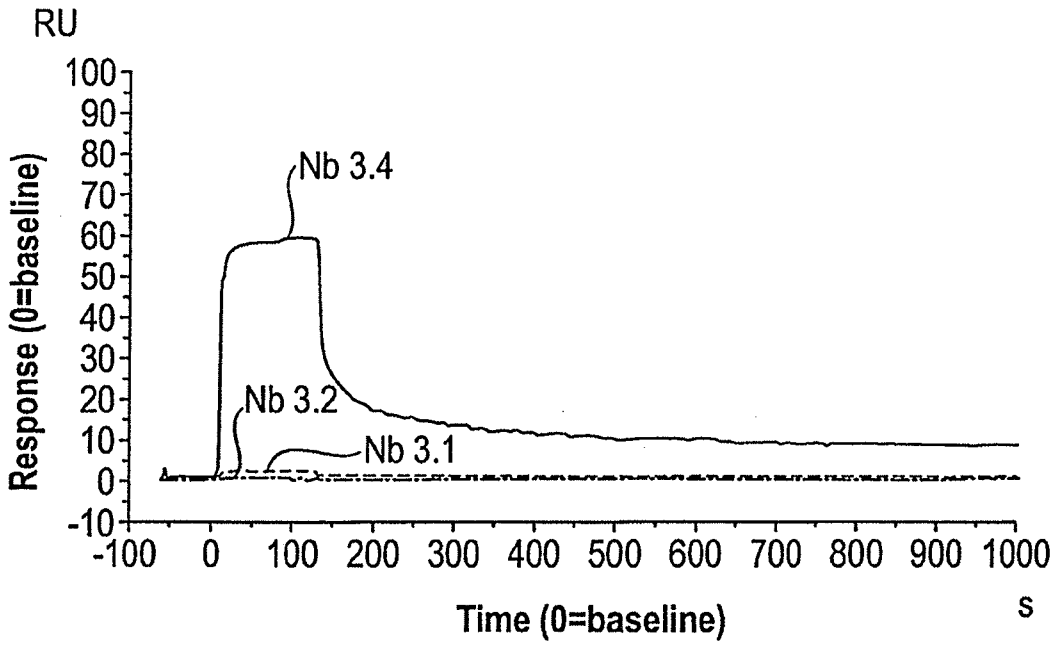

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Response (0=baseline)
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90
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70
60
50
40
30
20
10
0
-10
Nb 3.4
Nb 3.2
Nb 3.1
-100
0
100
200
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400
500
600
700
800
900
1000
Time (0=baseline)
s

Figure 7

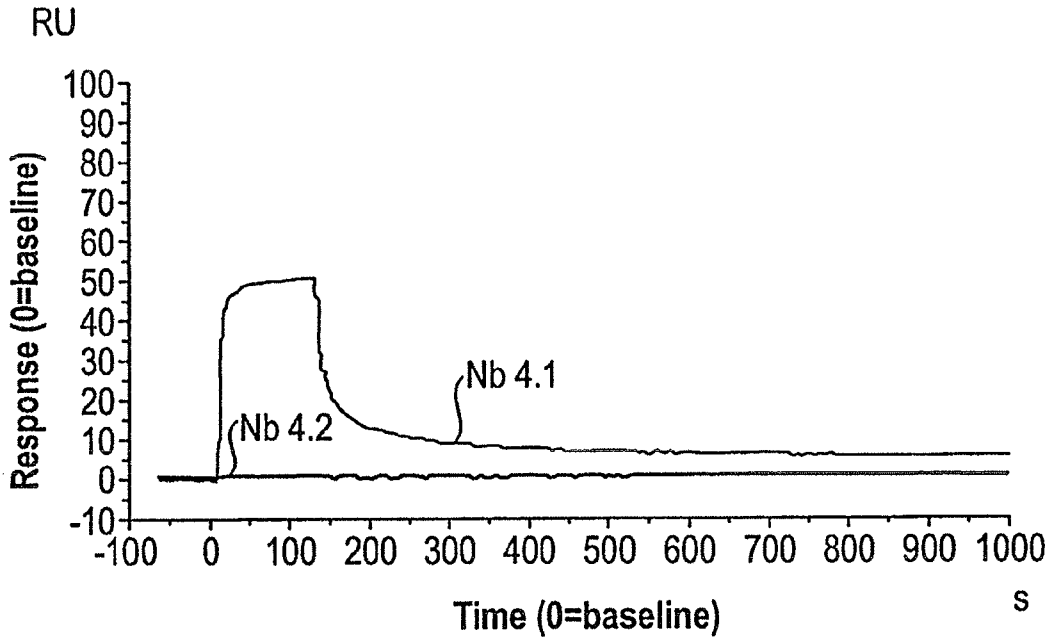

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Response (0=baseline)
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80
70
60
50
40
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20
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-100
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800
900
1000
Nb 4.1
Nb 4.2
Time (0=baseline)
s

Figure 8

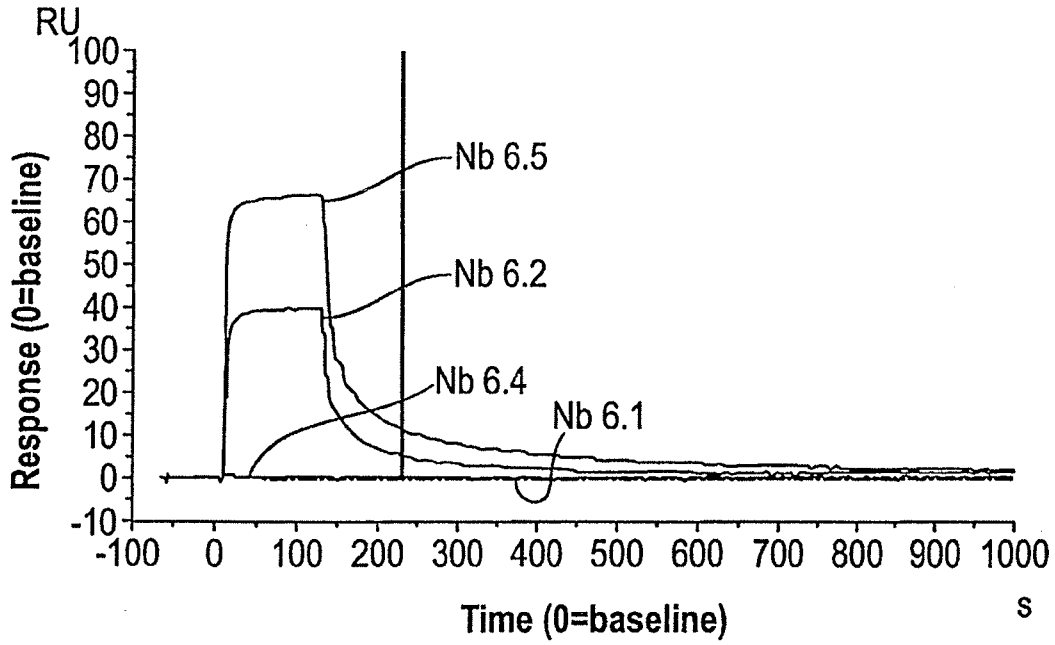

RU
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70
60
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30
20
10
0
-10
Response (0=baseline)
Nb 6.5
Nb 6.2
Nb 6.4
Nb 6.1
-100
0
100
200
300
400
500
600
700
800
900
1000
Time (0=baseline)
s

Figure 9

SEQ ID NO	N-terminal amino acid(s)	Mutations in the C-terminal region	Sequence	Reference sequence
37	A	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSA	SEQ ID NO: 37 without the added C-terminal amino acid residues
38	A	none	EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVR QAPGKGLEWVSGIKSSGDSTRYAGSVKGRFTISRDNAKN TLYLQMNSLRPEDTAVYYCAKSRVSRTGLYTYDNRGQG TLVTVSSGGGGSGGGGSGGGGSGGGGSEVQLVESGGGL VQPGGSLRLSCAASGRTFNNYAMGWFRQAPGKEREFVA AITRSGVRSGVSAIYGDSVKDRFTISRDNAKNTLYLQMN SLRPEDTAVYYCAASAIGSGALRRFEYDYSGQGTLVTVS SA	SEQ ID NO: 38 without the added C-terminal amino acid residues
39	A	none	EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYPMGWFR QAPGKGREFVSSITGSGGSTYYADSVKGRFTISRDNAKN TLYLQMNSLRPEDTAVYYCAAYIRPDTYLSRDYRKYDY WGQGTLVTVSSGGGGSGGGSEVQLVESGGGLVQPGNSL RLSCAASGFTFSSFGMSWVRQAPGKGLEWVSSISGSGSD TLYADSVKGRFTISRDNAKTTLYLQMNSLRPEDTAVYY CTIGGSLSRSSQGTLVTVSSGGGGSGGGSEVQLVESGGG LVQPGGSLRLSCAASGFTFSSYPMGWFRQAPGKGREFVS SITGSGGSTYYADSVKGRFTISRDNAKNTLYLQMNSLRP EDTAVYYCAAYIRPDTYLSRDYRKYDYWGQGTLVTVSS A	SEQ ID NO: 39 without the added C-terminal amino acid residues

40	A	none	EVQLVESGGGLVQPGGSLRLSCAASGFTFSDYWMYWV RQAPGKGLEWVSEINTNGLITKYPDSVKGRFTISRDNAK NTLYLQMNSLRPEDTAVYYCARSPSGFNRGQGTLVTVS SGGGGSGGGSEVQLVESGGGLVQPGNSLRLSCAASGFTF SSFGMSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGR FTISRDNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQ GTLVTVSSGGGGSGGGSEVQLVESGGGLVQPGGSLRLS CAASGFTFSDYWMYWVRQAPGKGLEWVSEINTNGLITK YPDSVKGRFTISRDNAKNTLYLQMNSLRPEDTAVYYCA RSPSGFNRGQGTLVTVSSA	SEQ ID NO: 40 without the added C-terminal amino acid residues
41	A	none	EVQLVESGGGLVQPGGSLRLSCAASGSVFKINVMAWYR QAPGKGRELVAGIISGGSTSYADSVKGRFTISRDNAKNT LYLQMNSLRPEDTAVYYCAFITTESDYDLGRRYWGQGT LVTVSSGGGGSGGGSEVQLVESGGGLVQPGNSLRLSCA ASGFTFSSFGMSWVRQAPGKGLEWVSSISGSGSDTLYAD SVKGRFTISRDNAKTTLYLQMNSLRPEDTAVYYCTIGGS LSRSSQGTLVTVSSA	SEQ ID NO: 41 without the added C-terminal amino acid residues
42	A	none	EVQLVESGGGLVQPGGSLRLSCAASGRTFSYNPMGWFR QAPGKGRELVAAISRTGGSTYYPDSVEGRFTISRDNAKR MVYLQMNSLRAEDTAVYYCAAAGVRAEDGRVRTLPSE YTFWGQGTQVTVSSAAAEVQLVESGGGLVQPGGSLRLS CAASGRTFSYNPMGWFRQAPGKGRELVAAISRTGGSTY YPDSVEGRFTISRDNAKRMVYLQMNSLRAEDTAVYYCA AAGVRAEDGRVRTLPSEYTFWGQGTQVTVSSA	SEQ ID NO: 42 without the added C-terminal amino acid residues

43	A	none	DVQLVESGGGLVQPGGSLRLSCAASGFILDYYAIGWFRQ APGKEREGVLCIDASDDITYYADSVKGRFTISRDNSKNT VYLQMNSLRPEDTAVYYCATPIGLSSSCLLEYDYDYWG QGTLVTVSSGGGGSGGGSEVQLLESGGGLVQPGGSLRLS CAASGFTFRSFGMSWVRQAPGKGPEWVSSISGSGSDTLY ADSVKGRFTISRDNSKNTLYLQMNSLRPEDTAVYYCTIG GSLSRSSQGTLVTVSSA	SEQ ID NO: 43 without the added C-terminal amino acid residues
44	A	none	DVQLVESGGGLVQPGGSLRLSCAASRSIGRLDRMGWYR HRPGEPRELVATITGGSSINYGDSVKGRFTISIDNSKNTV YLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQGTLVTV SSGGGGSGGGSEVQLVESGGGLVQPGNSLRLSCAASGFT FSSFGMSWVRQAPGKGLEWVSSISGSGSDTLYADSVKG RFTISRDNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSS QGTLVTVSSGGGGSGGGSEVQLVESGGGLVQPGGSLRL SCAASRSIGRLDRMGWYRHRPGEPRELVATITGGSSINY GDSVKGRFTISIDNSKNTVYLQMNSLRPEDTAVYYCNFN KYVTSRDTWGQGTLVTVSSA	SEQ ID NO: 44 without the added C-terminal amino acid residues
45	none	P14A, P41T, S62F, S74A, S82bN, R83K, L108Q	EVQLVESGGGLVQAGGSLRLSCAASRSIGRLDRMGWYR HRTGEPRELVATITGGSSINYGDFVKGRFTISIDNAKNTV YLQMNNLKPEDTAVYYCNFNKYVTSRDTWGQGTQVTV SS	SEQ ID NO: 45 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region
46	AAEQKLIS EEDLNGA AHHHHH H	A14P, T41P, F62S, A74S, N82bS, K83R, Q108L	EVQLVESGGGLVQAGGSLRLSCAASRSIGRLDRMGWYR HRTGEPRELVATITGGSSINYGDFVKGRFTISIDNAKNTV YLQMNNLKPEDTAVYYCNFNKYVTSRDTWGQGTQVTV SSAAAHHHHHHGAAEQKLISEEDLNGAA	SEQ ID NO: 46 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region

47	GGGGSGG GSRDWDF DVFGGGT PVGG	none	EVQLVESGGGLVQPGGSLRLSCAASGSVFKINVMAWYR QAPGKGRELVAGIISGGSTSYADSVKGRFTISRDNAKNT LYLQMNSLRPEDTAVYYCAFITTESDYDLGRRYWGQGT LVTVSSGGGGSGGGSRDWDFDVFGGGTPVGG	SEQ ID NO: 47 without the added C-terminal amino acid residues
48	AAEQKLIS EEDLNGA AHHHHH H	none	EVQLVESGGGLVQPGGSLRLSCIASGLPFSTKSMGWFRQ APGKEREFVARISPGGTSRYYGDFVKGRFAISRDNAKNT TWLQMNSLKAEDTAVYYCASGERSTYIGSNYYRTNEYD YWGTGTQVTVSSAAAEQKLISEEDLNGAAHHHHHH	SEQ ID NO: 48 without the added C-terminal amino acid residues
49	AAEQKLIS EEDLNGA AHHHHH H	V5L, I23A, E44G, A49S, A68T, A74S, T78L, W79Y, K83R, T110Q, Q108L	EVQLLESGGGLVQPGGSLRLSCAASGLPFSTKSMGWFR QAPGKGREFVSRISPGGTSRYYGDFVKGRFTISRDNSKN TLYLQMNSLRAEDTAVYYCASGERSTYIGSNYYRTNEY DYWGQGTLVTVSSAAAEQKLISEEDLNGAAHHHHHH	SEQ ID NO: 49 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region
50	none	L11S	HHHHHHEVQLVESGGGSVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSS	SEQ ID NO: 50 without the mentioned mutations in the C-terminal region
51	none	T110Q	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV QVSS	SEQ ID NO: 51 without the mentioned mutations in the C-terminal region

52	none	S112G	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVGS	SEQ ID NO: 52 without the mentioned mutations in the C-terminal region
53	none	S113G	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSG	SEQ ID NO: 53 without the mentioned mutations in the C-terminal region
54	none	L11S, T110Q, S112G, S113G	HHHHHHEVQLVESGGGSVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV QVGG	SEQ ID NO: 54 without the mentioned mutations in the C-terminal region
55	A	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSA	SEQ ID NO: 55 without the added C-terminal amino acid residues
56	G	S113G	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSGG	SEQ ID NO:56 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region
57	AS	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSAS	SEQ ID NO:57 without the added C-terminal amino acid residues
58	AST	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSAST	SEQ ID NO:58 without the added C-terminal amino acid residues

59	ASTK	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSASTK	SEQ ID NO:59 without the added C-terminal amino acid residues
60	ASP	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSASP	SEQ ID NO:60 without the added C-terminal amino acid residues
61	AP	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSAP	SEQ ID NO:61 without the added C-terminal amino acid residues
62	APT	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSAPT	SEQ ID NO:62 without the added C-terminal amino acid residues
63	W	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSW	SEQ ID NO:63 without the added C-terminal amino acid residues
64	L	none	HHHHHHEVQLVESGGGLVQPGNSLRLSCAASGFTFSSFG MSWVRQAPGKGLEWVSSISGSGSDTLYADSVKGRFTISR DNAKTTLYLQMNSLRPEDTAVYYCTIGGSLSRSSQGTLV TVSSL	SEQ ID NO:64 without the added C-terminal amino acid residues
65	none	P14A	HHHHHHEVQLVESGGGLVQAGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSS	SEQ ID NO:65 without the mentioned mutations in the C-terminal region

66	none	L11S	HHHHHHEVQLVESGGGSVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVTVSS	SEQ ID NO:66 without the mentioned mutations in the C-terminal region
67	none	R83K	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLKPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSS	SEQ ID NO:67 without the mentioned mutations in the C-terminal region
68	none	P14A, L108Q	HHHHHHEVQLVESGGGLVQAGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTQVTVSS	SEQ ID NO:68 without the mentioned mutations in the C-terminal region
69	none	L108Q	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTQVTVSS	SEQ ID NO:69 without the mentioned mutations in the C-terminal region
70	none	T110Q	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVQVSS	SEQ ID NO:70 without the mentioned mutations in the C-terminal region
71	none	S113G	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSG	SEQ ID NO:71 without the mentioned mutations in the C-terminal region
72	none	S112G, S113G	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVGG	SEQ ID NO:72 without the mentioned mutations in the C-terminal region

73	G	S112G, S113G	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVGGG	SEQ ID NO:73 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region
74	G	none	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSSG	SEQ ID NO:74 without the added C-terminal amino acid residues
75	AA	none	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSSAA	SEQ ID NO:75 without the added C-terminal amino acid residues
76	GGG	none	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSSGGG	SEQ ID NO:76 without the added C-terminal amino acid residues
77	A	none	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSSA	SEQ ID NO:77 without the added C-terminal amino acid residues
78	none	Q13R	HHHHHHEVQLVESGGGLVRPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVTVSS	SEQ ID NO:78 without the mentioned mutations in the C-terminal region
79	GG	none	HHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVTVSSGG	SEQ ID NO:79 without the added C-terminal amino acid residues

80	none	T110Q, S112G, S113G	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVQVGG	SEQ ID NO:80 without the mentioned mutations in the C-terminal region
81	none	L11V	HHHHHHEVQLVESGGGVVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSS	SEQ ID NO:81 without the mentioned mutations in the C-terminal region
82	none	P84A	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRAEDTAVYYCNFNKYVTSRDTWGQ GTLVTVSS	SEQ ID NO:82 without the mentioned mutations in the C-terminal region
83	none	T87A	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDAAVYYCNFNKYVTSRDTWGQ GTLVTVSS	SEQ ID NO:83 without the mentioned mutations in the C-terminal region
84	none	S112G	HHHHHHEVQLVESGGGLVQPGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVTVGS	SEQ ID NO:84 without the mentioned mutations in the C-terminal region
85	none	L11S, T110Q, S112G, S113G	HHHHHHEVQLVESGGGSVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVQVGG	SEQ ID NO:85 without the mentioned mutations in the C-terminal region
86	none	L11S, T110Q	HHHHHHEVQLVESGGGSVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVQVSS	SEQ ID NO:86 without the mentioned mutations in the C-terminal region

87	none	L11S, S112G, S113G	HHHHHHEVQLVESGGGSVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVTVGG	SEQ ID NO:87 without the mentioned mutations in the C-terminal region
88	A	L11S, T110Q	HHHHHHEVQLVESGGGSVQPGGSLRLSCAASRSIGRLDR MGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISIDN SKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQG TLVQVSSA	SEQ ID NO:88 without the added C-terminal amino acid residues and without the mentioned mutations in the C-terminal region
89	none	L11S, P14A, T110Q, S112G, S113G	HHHHHHEVQLVESGGGSVQAGGSLRLSCAASRSIGRLD RMGWYRHRPGEPRELVATITGGSSINYGDSVKGRFTISID NSKNTVYLQMNSLRPEDTAVYYCNFNKYVTSRDTWGQ GTLVQVGG	SEQ ID NO:89 without the mentioned mutations in the C-terminal region