```
                                  ---CDRH1--
7G10   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSNVMH WVKQKPGQGLEWIG
6H12   EVHLQQSGPELVKPGASVKMSCKAS GYTFNRYLIH WVKQKPGQGLEWIG
13F11  EVQLQQSGPELVKPGASVKMSCKAS GHTLTRYLMH WVQQKPGQGLEWIG
13B5   EVQLQQSGPELVKPGASVKMSCKAS GYTFTRYLMH WVKQKPGQGLEWIG
7E2    EVQLQQSGPELVKPGASVKMSCKAS GYTFTTYLMH WVKQKPGQGLEWIG
13G1   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYLMH WVKQKPGQGLEWIG
11C10  EVQLQQSGPELVKPGASVKMSCKAS GYTFTRYVMH WVKQKPGQGLEWIG
1E10   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLEWIG
30F11  EVQLQQSGPELLKPGASVKMSCKAS AYTFTRYLIH WVKQKPRQGLEWIG
5B12   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLEWIG
6H4    EVQLQQSGPELVKPGASVKMSCKAS GYTFTRYLMH WVKQKPGQGLEWIG
9C9    EVQLQQSGPELVKPGASVRMSCKAS GYTFTSYLIH WVKQKPGQGLEWIG
11B10  EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLEWIG
33D2   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYLMH WVKQKPGQGLEWIG
20A9   EVQLKQSGLEVVKPGASVKMSCKAS GYTFTAHLMH WVKQRPGQGLEWIG
22E9   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLEWIG
29D5   EVQLQQSGPELVKPGASVKMSCKAS GYSFTSYVMH WVKQKPGQGLEWIG
21A10  EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLDWIG
2G12   EVQLQQSGPELVKPGASVKMSCKAS GYTFTCCILH WVKQKPGQGLEWIG
15G2   EVQLQQSGPELVKPGASVKMSCKAS GYTFTNYLMH WVKQKPGQGLEWIG
18E1   EVQLQQSGPELVKPGASVKMSCKAS GNTFTRYVMN WVKQKPGQGLEWIG
2C6    EVQLQQSGPELVKPGASVKMSCKAS GYTFTRYLIH WVKQKPGQGLEWIG
conH   EVQLQQSGPELVKPGASVKMSCKAS GYTFTSYLMH WVKQKPGQGLEWIG
                                        R VI
V1-14  EFQLQQSGPELVKPGASVKMSCKAS GYTFTSYVMH WVKQKPGQGLEWIG

49A10  EVQLQQSGPELVKPGASVKISCKAS GYTFTDYYMN WVKQSHGKSLEWFG
34E4   EVQLQQSGPELVKPGASVKMSCKAS GYTFTAYNMH WVKQSHGKSLEWIG
8E9    EVQLQQSGPELVKPGASVKMSCKAS GYTFTAYLIH WVKQSHGKSLEWIG
1D6    EVQLQQSGPDLVKPGASVKMSCKAS GYTFTAYLIH WVKRSHGKSLDWIG

34F9   QVQLQQSGAELAKPGASVKLSCKAS GYTFPTFWMH WVKQRPGQGLEWIG
7D7    QVQLQQSGAELAKPGASVKLSCKAS GYTFTNYWMD WVKQRPGQGLEWIG

33B12  QVQLQQSGAELARPGASVKLSCKAS GYTFTSYSLK WVKQRTGQGLEWIG
17G8   QAQLQQSGSELARPGASVKLSCKAS GYTFTSYGIK WVKQRTGQGLEWIG
20A4   QAQLQQSGGELARPGASVKLSCKAS GYTFTSYGIK WVKQGTGQGLEWIG
20H7   QAQLQQSGGELARPGASVKLSCKAS GYTFTNYGIK WVKQRTGQGLEWIG
3C4    QVQLQQSGGELARPGASVKLSCKAS GYTFTSYGIK WVKQRFGQGLEWIG

3D7    QVQLQQSGPELVKPGASVKISCKAS GYSFTSYYIH WVKQRPGQGLEWIG

39G2   QVQLQQPGAELVRPGASVKLSCKAS GYSFTSSWMN WVKQRPGQGLEWIG
35F12  QVQLQQPGAELMRPGASVRLSCKAS GYSFTTSWMN WVKQRPGQGLEWIG

14A3   EVILVESGGGFVKPGGSLKLSCAAS GFTFSNYGMS WVRQTPDKGLEWVA
12C11  EVMLVESGGGLVKPGGSLKLSCAAS GFTFSNYGMS WVRQSPERGLEWVA

10H11  EVMLVESGGGLVKPGGSLKLSCAAS GFTFSSYSMS WVRQTPEKRLEWVA
19E9   EVMLVESGGGLVKPGGSLKLSCAAS GFTFSTYDMS WVRQTPEKRLEWVA
10G8   EVMLVESGGGLVKPGGSLKLSCAAS GFTFSSYSMS WVRQTPEKRLEWVA

16F7   EVQLVESGGDLVKPGGSLKLSCAAS GFIFNSYGMS WVRQTPDKRLEWVA
```

Figure 1A

```
       ------CDRH2------
7G10   YINPYNDGTKYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR
6H12   YINPNNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAA
13F11  YINPYNDGTKYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR
13B5   YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR
7E2    YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCTK
13G1   YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMDLSSLTSEDSAVYYCAI
11C10  YINPYNDVPNYNENFKG KATLTSDKSSSTASMELSSLTSEDSAVYYCAV
1E10   YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAS
30F11  YINPYNDGTKYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR
5B12   YINPYNDGTNYNEKFKH KATLTSDKSSSTAYMELSSLTSEDSAVYYCTS
6H4    YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR
9C9    YINPYNDGTNYNENFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAS
11B10  YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELGSLTSEDSAVYYCAS
33D2   YINPYNDGPKYNEQFKG KATLTSDKSSNTAYMELSSLTSEDSAVYYCAR
20A9   YINPYNDGTNYNEKFKG KATLTSDKSSSTAFMELSSLTSEDSAVYYCAS
22E9   YINPYNAGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAS
29D5   YINPYNDGTNYNEKFRG KATLTSDKSSNTAYLDLSSLTSEDSAVYYCAS
21A10  YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCTS
2G12   YINPYNDGTKYNEKFKG KATLTSDKSSRTAYMELSSLTSEDSAVYYCAR
15G2   YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAIYFCTS
18E1   YINPYNDGTNYNEKFKG KATLTSDKSSTTAYMELSSLTSEDSAVYYCVH
2C6    YVNPYNDGTNYNEKFRG KATLTSDKSSSTAYMELSSLTSEDSAVYYCTS
conH   YINPYNDGTNYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAS
             K                                          TR
V1-14  YIYPYNDGTKYNEKFKG KATLTSDKSSSTAYMELSSLTSEDSAVYYCAR

49A10  DINPNNGDTSYNQKFKG KATLTVDKSSSTAYMELRSLTSEDSADYYCAR
34E4   YINPNNGIPNYNQKFKG KATLTVNKSSSTAYMELRSLTSEDSAVFYCAL
8E9    YINPNNGGTNYNQKFKD KATLTVNKSSATAYMELRSLTSEDSAVFYCSS
1D6    YINPNDGVTSYNQKFKG KATLTVNKSSGTAYMELRSLTSEDAAVYYCTL

34F9   YINPSSGYTEYNQKFKD KATLTADKSSSTAYMQLSSLTYEDSAVYYCAR
7D7    YINPSSGYVEYNQKFKY KATLTADKTSSTAYMQLSSLTYDDSAVYYCAR

33B12  EIHPRSGNTHYNEKFKG KATLTADKSSSTAYMDLRSLTSEDSAVYFCAT
17G8   EIFPRSGQTIYNENFKG KATLTADKSSSTAYMELRSLTSEDSAVYFCAA
20A4   EIFPRSGQTYYNEKFKG KATLTADKSSSTAYMELRSLTSEDSAVYFCAS
20H7   EIFPRSGQTIYNEKFKG KATLTADKSSSTAYMELRSLTFEDSAVYFCAA
3C4    EIFPRGGNTYYNEKFKG KATLTADKSSSTAYMELRSLTSEDSAVYFCTA

3D7    WIFPGSGNTKYNEKFKG KATLTADTSSTTAYMQLSSLTSEASAVYFCAR

39G2   MIHPSDSETRTNQKFKD KATLTVDKSSSTAYMQLSSPTSEDSAVYYCAR
35F12  MIHPSDSETRLNQNFKD KATLTVDRSSSTAYMQLNSPTSEDSAVYYCAR

14A3   TISTGGRYIYYSDTVKG RFTISRDNAKSTLYLKMSSLRSEDTAVHFCAR
12C11  TISTGGRYTFYSDTVKG RFTISRDNARNTLYLKMSSLISEDTAVHYCAR

10H11  TISRGGGNTYYPDSVKG RFTISRDNANNNLFLRLSSLRSEDTALYYCAR
19E9   TISRGGGNTYYPDSVKS RFTISRDNAKNNLYLQMSSLRSVDTALYYCSR
10G8   TISRGGGNTYYPDSVKG RFTISRDNAKNNLYLRMSSLRSEDTALYYCAR

16F7   TISSGGRNTYYPDSVKG RFTISRDNAKNTLYLQMSSLKSEDTAMYYCAR
```

Figure 1B

	-----CDRH3-----	
7G10	NWDVAY	WGQGTLVTVSA
6H12	NWDQAY	WGQGTLVTVSA
13F11	NWDVAY	WGQGTLVTVSA
13B5	NWDVGGY	WGQGTTLTVSS
7E2	NWDKGY	WGQGTTLTVSS
13G1	NWDLAY	WGQGTLVTVSA
11C10	-WDFTY	WGQGTLVTVSA
1E10	NWDVGY	WGQGTTLTVSS
30F11	NWDVAY	WGQGTLVTVSA
5B12	NWDVGF	WGQGTTLTVSS
6H4	NWDVTC	WGQGTLVTVSA
9C9	NWDVGY	WGQGTTLTVSS
11B10	NWDVGY	WGQGTTLTVSS
33D2	NWDVTC	WGQGTLVTVSA
20A9	NWDVGY	WGQGTTLTVSS
22E9	NWDVGY	WGQGTTLTVSS
29D5	NWDVGY	WGQGTTLTVSS
21A10	NWDRGY	WGQGTTLTVSS
2G12	RWDEAY	WGQGTLVTVSA
15G2	NWDLDY	WGQGTTLTVSS
18E1	NWDLDY	WGQGTTLTVSS
2C6	NWDLNY	WGQGTTLTVSS
conH	NWDVGY	WGQGTTLTVSS
	LA	LV A
D-Q52	NWD	
J2	YFDY	WGQGTTLTVSS
J3	WFAY	WGQGTLVTVSA
49A10	PHYRNWYFDV	WGTGTTVIVSS
34E4	NWDLDY	WGQGTTLSVSS
8E9	NWDLDY	WGRGTTLTVSS
1D6	NWDLDY	WGQGTTLTVSS
34F9	SPPYYYDSTYWSFDV	WGTGTAVTVSS
7D7	SPPYYYANTYWSFDV	WGTGTTVTVSS
33B12	NWDLGY	WGQGTTITVSS
17G8	NWDLDY	WGQGTILTVSS
20A4	NWDLDY	WGQGTILTVSS
20H7	NWDLDY	WGQGTILTVSS
3C4	NWDLDY	WGQGTTLTVSS
3D7	EGLHYFGLYAMDY	WGHGTSVTVSS
39G2	GMITAPTVY	WGQGTLVTVSA
35F12	GMITAPSVY	WGQGTLVTVSA
14A3	HEGDRYYGWYFDV	WGAGTTVTVSS
12C11	HEGDTYYGWYFDV	WGAGTTVTVSS
10H11	WPFSYGMDY	WGQGTSVTVSS
19E9	WPFSYAMDY	WGQGTSVTVSS
10G8	WPFSYGMDY	WGQGTSVTVSS
16F7	QGGYEGYVDV	WGIGTTVTVSS

Figure 1C

```
                                      ------CDRL1------
7G10   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
6H12   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
33B12  DIVLTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
13F11  DIVMTQSPATLSVTPGDRVSLSC RASQ------TISDYLH
13B5   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
13G1   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
11C10  DIVMTQSPATLSVTPGDRVSLSC RASQ------RISDYLY
7E2    DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
30F11  DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
34E4   DIVMTQSPATLSVTPGDRVSLSC RASQ------SIRDYLY
6H4    DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
33D2   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
2C6    DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLY
2G12   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISAYLH
1D6    DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
18E1   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISHYLY
15G2   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
17G8   DIMMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
20A4   DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDFLH
20H7   DIMMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
3C4    DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH
8E9    DIVMTQSPATLSVTPGDRVSLSC RASQ------SIGDYLH
conLA  DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH

m5-39  DIVMTQSPATLSVTPGDRVSLSC RASQ------SISDYLH

1E10   DIVMSQSPSSLAVSVGEKITMTC KSSQTLLYSSNQKNFLA
20A9   DIVMSQSPSSVAVSVGEKVTMSC KSSQSLLYSSNQKNFLA
22E9   DIVMSQSPSSVAVSVGEKVTMSC KSSQSLLYSSNQKNFLA
29D5   DIVMSQSPSSQTVSVGERVTMSC KSSQSLLYSSNQKNFLA
5B12   DIVMSQSPSSLAVSVGEKVTMNC KSSQSLLYSTNQKNFLA
9C9    DIVMSQSPSSLPVSVGEKVTMSC KSSQSLLYSSSQKNYLA
11B10  DIVMSQSPSSVAVSVGEKVTMNC KSSQNLLYSSNQKNFLA
conLB  DIVMSQSPSSLAVSVGEKVTMSC KSSQSLLYSSNQKNFLA
                V

m8-30  DIVMSQSPSSLAVSVGEKVTMSC KSSQSLLYSSNQKNYLA

16F7   DIVMTQSHRFMSTSVGDRVSITC KASQ------DVSSAVA

3D7    DIQMTQTTSSLSASLGDRVTISC SASQGISN------YLN

21A10  DIQMTQSPASLSASVGETVTITC RASGNIHN------YLT

14A3   DIVLTQSPASLAVSLGQRATISC KASQSVDY--DGESYMN
12C11  DIVLTQSPASLAVSLGQRATISC KASHSVDY--DVDSFMN

10G8   DIVLTQSPASFAVALGQRATISC RASKSVST--SDYSYMH
19E9   DIVLTQSPTSLAVSLGQRATISC RASKSVST--SDYSYMH
10H11  DIVLTQSPASLAVALGQRATISC RASKSVST--SDYSYMH
39G2   DIVLTQSPASLAVSLGQRATISC RASKSVST--SAYSYFH
35F12  DIVLTQSPASLAVSLGQRATISC RASKSVST--SAYSYFH
49A10  DIVLTQSPASLVVSLGQRATISC RASKSVST--SGYSFLN
34F9   DIGLTQSPASLAVSLGQRATISC RASKSVSA--FGYNYMH
7D7    DIGLTQSPASLAVSLGQRATISC RASKSVST--SGYSFMH
conLC  DIVLTQSPASLAVSLGQRATISC RASKSVST--SDYSYMH
                                          G
m3-12  DIVLTQSPASLAVSLGQRATISC RASKSVST--SGYSYMH
```

Figure 2A

```
                          -CDRL2-
7G10   WYRQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
6H12   WYQQKSHESPRLLIK YTSQSIS GIPSRFSGSGSGS
33B12  WFQQRSHESPRLLIK YASQSIS GIPSRFSGSGSGS
13F11  WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
13B5   WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
13G1   WYQQKSHESPRLLIK FASQSIS GIPSRFSGSGSGS
11C10  WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
7E2    WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
30F11  WYQQKSHESPRLLIK YASQSIS GIPTRFSGSGSGS
34E4   WYQQKSHESPRLLIK FASQSIS GIPSRFSGSGSGS
6H4    WYHQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
33D2   WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
2C6    WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
2G12   WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
1D6    WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
18E1   WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
15G2   WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
17G8   WYRQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
20A4   WYRQKSHESPRLLIK YVSQSIS GIPSRFSGSGSGS
20H7   WYRQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
3C4    WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS
8E9    WYQQKLHESPRLLIK YASRSIS GIPSRFSGSGSGS
conLA  WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS

m5-39  WYQQKSHESPRLLIK YASQSIS GIPSRFSGSGSGS

1E10   WYRQKPGQSPKLLIY WTSTRES GVPDRFTGSGSGT
20A9   WYQQKPGQSPKLLIF WTSTRKS GVPDRFTGSGSGT
22E9   WYQQKPGQSPKLLIY WASTRES GVPDRFTGSGSGT
29D5   WYQQKPGQSPKLLIH WASTRES GVPDRFTGSGSGT
5B12   WYQQKPGQSPKLLIY WASTRKS GVPDRFTGSGSGT
9C9    WSQQKPGQSPKLLIY WASTRKS GVPDRFTGSGSGT
11B10  WYQQKPGQSPKLLIY WASTRKS GVPDRFTGSGSGT
conLB  WYQQKPGQSPKLLIY WASTRKS GVPDRFTGSGSGT
                             E
m8-30  WYQQKPGQSPKLLIY WASTRES GVPDRFTGSGSGT

16F7   WYQQKPGQSPNLLIY SASFRNT GVPDRFTGSGSGT

3D7    WFQQKPDGTVKLLIY YTSSLHS GVPSRFSGSGSGT

21A10  WYQQKQGKSPQLLVY NAKTLAD GVPSRFSGSGSGT

14A3   WYQQKPGQPPKLLIY TSSSLAS GIPARFSGSGSGT
12C11  WYQQKPGQPPKLLIF ASSSLES GIPARFSGSGSGT

10G8   WYQQKPGQPPKLLIY LASNLDS GVPARFSGSGSGT
19E9   WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
10H11  WYQQKPGQPPKLLIY LASNLDS GVPARFSGSGSGT
39G2   WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
35F12  WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
49A10  WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
34F9   WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
7D7    WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
conLC  WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT

m3-12  WYQQKPGQPPKLLIY LASNLES GVPARFSGSGSGT
```

Figure 2B

```
                                --CDRL3--
7G10   DFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
6H12   DFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
33B12  DFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
13F11  HFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
13B5   DFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
13G1   DFTLSINSVEPEDVGVYYC QNGHSFPYT FGGGTKLEIKR
11C10  DFTLSINSVEPEDVGVYYC QNGHSFPYT FGGGTKLEIKR
7E2    EFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
30F11  DFTLTINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
34E4   DFTLSINSVEPEDVGVYYC QNGHSFPYT FGGGTKLEIKR
6H4    DFTLTINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
33D2   DFTLSINSVEPEDVGVYYC QNGHSFPFT FGSGTKLEIKR
2C6    DFTLSINSVEPEDVGVYFC QNGHSFPFT FGSGTKLEIKR
2G12   DFTLSINSVEPEDVGIYYC QNGHSFPFT FGSGTKLEIKR
1D6    DFTLSITNVEPEDVGIYYC QNGHSFPFT FGSGTKLEIKR
18E1   DFTLSINSVEPEDVGMYYC QNGHSFPYT FGGGTKLEIKR
15G2   DFILNINSVEPEDVGVYYC QNGHSFPYT FGGGTKLEIKR
17G8   DFTLSINSVEPEDVGIYYC QNGHSFPYT FGGGTKLEIKR
20A4   DFTLSINSVDPEDVGVYYC QNGHSFPYT FGGGTKLEIKR
20H7   DFTLSINSVEPEDVGVYFC QNGHSFPYT FGGGTKLEIKR
3C4    DFTLSINSVESEDVGVYYC QNGHSFPFT FGSGTKLKIKR
8E9    YFTLSINSVEAEDVGVYFC QNGHSFPFT FGSGTKLEIKR
conLA  DFTLSINSVEPEDVGVYYC QNGHSFPFT

m5-39  DFTLSINSVEPEDVGVYYC QNGHSFP

1E10   DFTLTISSVKAEDLAVYYC QQYYSYPFT FGSGTKLEIKR
20A9   DFTLTISSVKAEDLAVYYC QQYYSYPFT FGSGTKLEIKR
22E9   DFILTISSVRAEDLAFYYC QQYYSYPFT FGSGTKLEIKR
29D5   DFTLTISSVKAEDLALYYC QQYYSYPFT FGSGTKLEIKR
5B12   DFTLTISSVKAEDLAVYYC QQYYSYPFT FGSGTKLEIKR
9C9    DFTLTISSVKAEDLAVYYC HQYYSYPFT FGSGTKLEIKR
11B10  DFTLTISSVRAEDLAFYYC QQYYSYPFT FGSGTKLEIKR
conLB  DFTLTISSVKAEDLAVYYC QQYYSYPFT

m8-30  DFTLTISSVKAEDLAVYYC QQYYSYP

16F7   DFTFTISGVQAEDLAVYYC QQHHSTPLT FGAGTKLELKR

3D7    DYSLTISNLEPEDIATYYC QQYSKLPYT FGGGTKLEIKR

21A10  QFSLKINSLQPEDFGSYYC QHFWSTPFT FGSGTKLEIKR

14A3   NFTLNIHPVEEEDAATYCC QQGNEDLFT FGSGTKLEIKR
12C11  NFILNIHPVEEEDAATYYC QQGNEDLFT FGSGTKLEIKR

10G8   DFTLNIHPVEEEDAATYYC QHSRELPYT FGGGTKLEIKR
19E9   DFTLNIHPVEEEDAATYYC QHSRELPYT FGGGTKLEIRR
10H11  DFTLNIHPVEEEDAATYYC QHSREFPYT FGGGTKLEIKR
39G2   DFTLNIHPVEEEDAATYYC QHSRELPWT FGGGTKLEITP
35F12  DFTLNIHPVEEGDAATYYC QHSRELPWT FGGGTKLEITR
49A10  DFTLNIHPVEAEDATTYYC QHSRELPLT FGSGTKLEMKR
34F9   DFTLNIHAVEEEDAATYYC QHSRELPLT FGAGTKLELKR
7D7    DFILNIHPVEEEDAATYYC QHSRELPLA FGAGTKLELTP
conLC  DFTLNIHPVEEEDAATYYC QHSRELPYT

m3-12  DFTLNIHPVEEEDAATYYC QHSRELP
```

Figure 2C