Anti-IL-23p19 6B8 Engineered Vk regions

```
              1 ... 56
                                    Chothia----             Chothia
                                    Kabat------             Kabat--
                                      IMGT--                IMGT
>6B8-Vk       DIVMTQSHKFLSTSVGDRVTITCKASRDVAIAVAWYQQKPGQSPKLLLFWASTRHT
>Hum Vk#65    DIQMTQSPSSLSASVGDRVTITCKASRDVAIAVAWYQQKPGKVPKLLLFWASTRHT
>Hum Vk#66    DIQMTQSPSSLSASVGDRVTITCKASRDVAIAVAWYQQKPGKVPKLLIYWASTRHT
>Hum Vk#67    DIQMTQSPSSLSASVGDRVTITCKASRDVAIAVAWYQQKPGKVPKLLLYWASTRHT
>Hum Vk#78    DIQMTQSPSSLSASVGDRVTITCKASRDVAIAVAWYQQKPGKVPKLLLFWASTRHT
```

```
              57 ... 107
                                          Chothia--
                                          Kabat----
                                          IMGT-----
>6B8-Vk       GVPDRFTGSGSRTDFTLTISNVQSEDLADYFCHQYSSYPFTFGSGTKLEIK
>Hum Vk#65    GVPDRFSGSGSGTDFTLTISSLQPEDLADYYCHQYSSYPFTFGQGTKLEIK
>Hum Vk#66    GVPSRFSGSGSRTDFTLTISSLQPEDVADYFCHQYSSYPFTFGSGTKLEIK
>Hum Vk#67    GVPSRFSGSGSRTDFTLTISSLQPEDVATYYCHQYSSYPFTFGSGTKLEIK
>Hum Vk#78    GVPDRFSGSGSRTDFTLTISSLQPEDLADYYCHQYSSYPFTFGSGTKLEIK
```

Fig. la

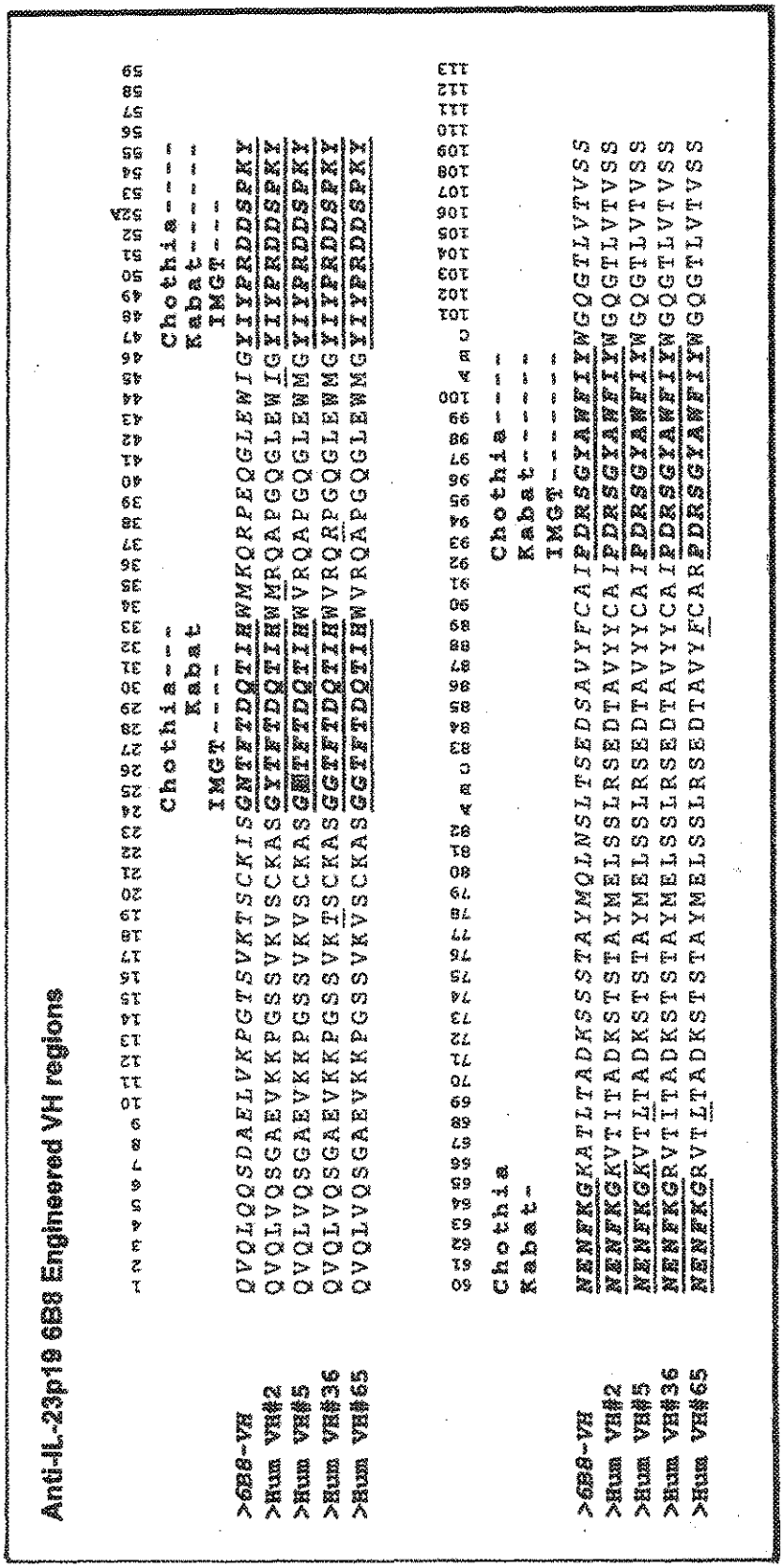


Fig. 1b

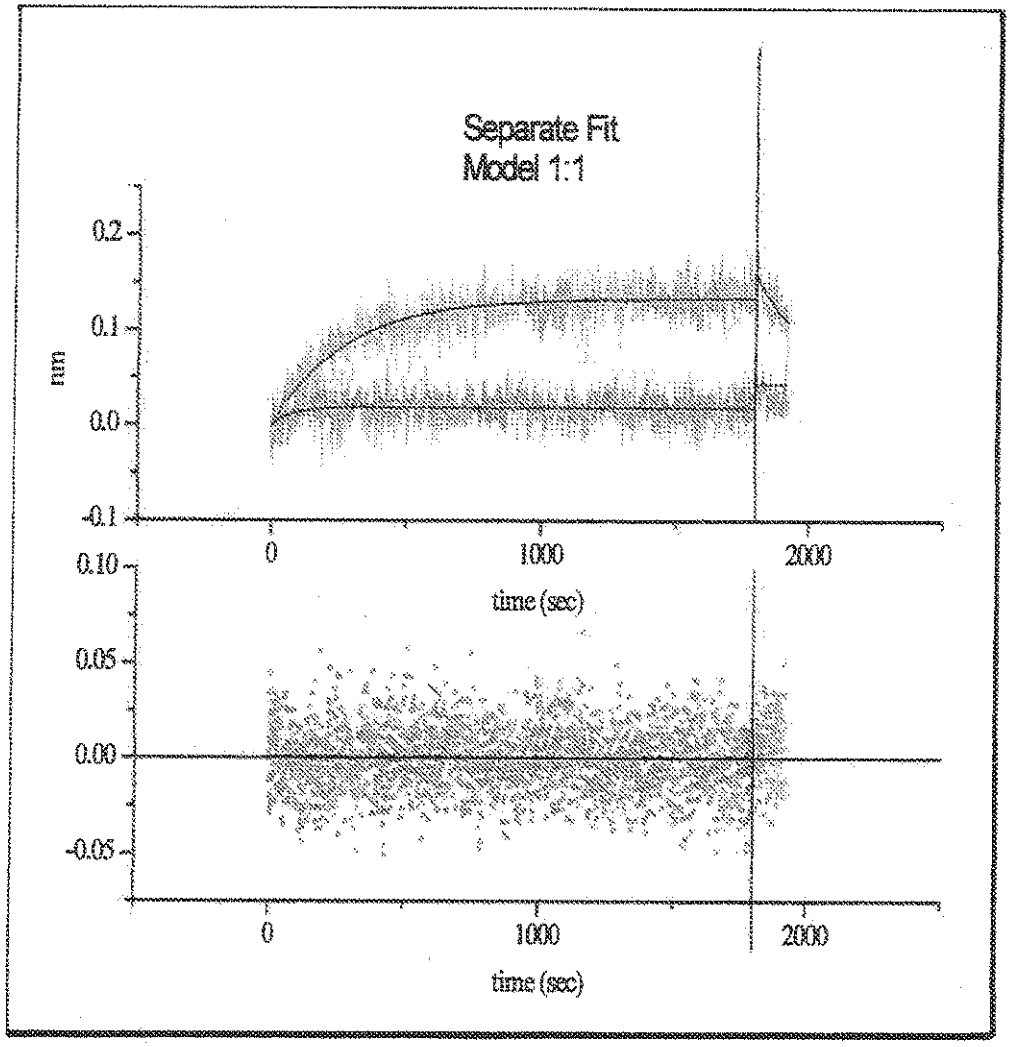

Separate Fit
Model 1:1
nm
0.2
0.1
0.0
-0.1
0
1000
2000
time (sec)
0.10
0.05
0.00
-0.05
0
1000
2000
time (sec)

Fig. 2