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. 1a

Anti-IL-23p19 6B8 Engineered VH regions
>6B8-VH
>Hum VH#2
>Hum VH#5
>Hum VH#36
>Hum VH#65
Chothia
Kabat-

Fig. 1b

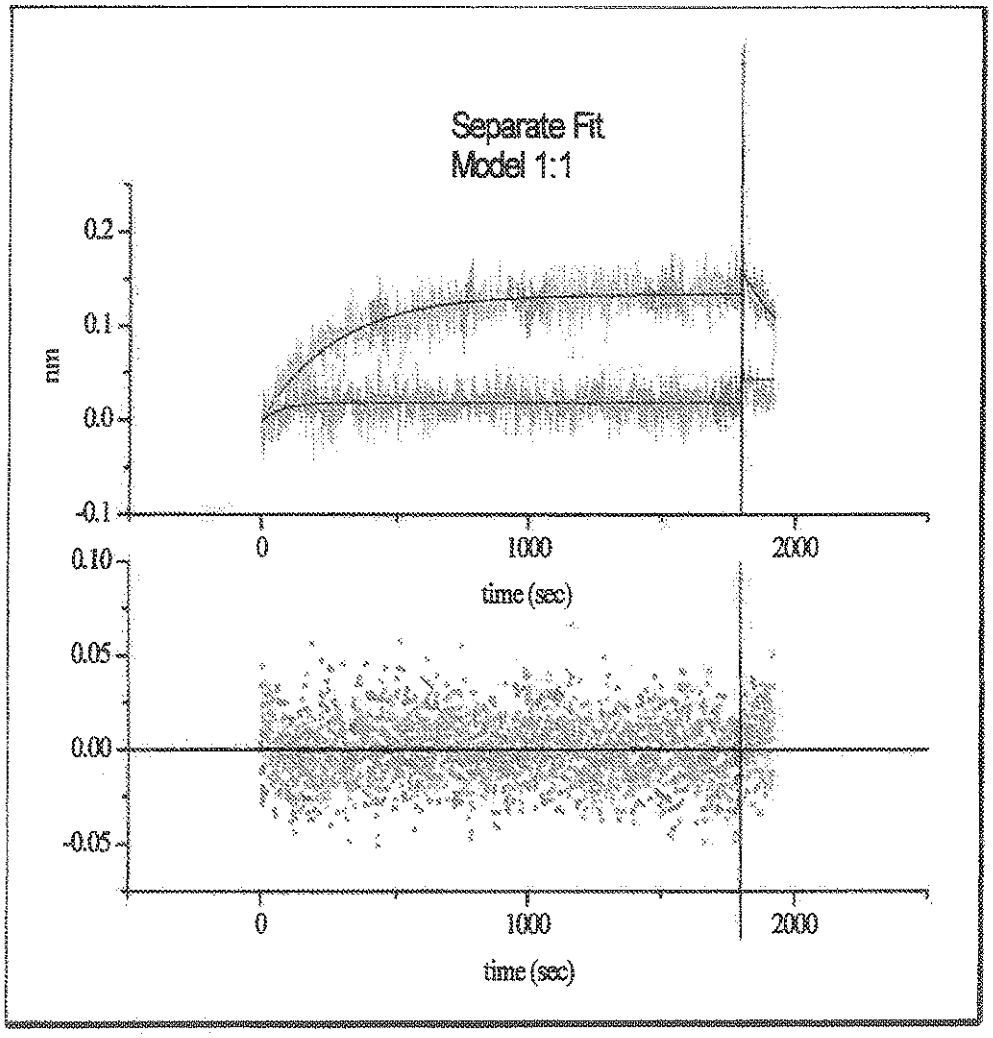

Separate Fit
Model 1:1
nm
0.2
0.1
0.0
-0.1
0
1000
2000
time (sec)
0.10
0.05
0.00
-0.05
0
1000
2000
time (sec)

Fig. 2