Figure 1

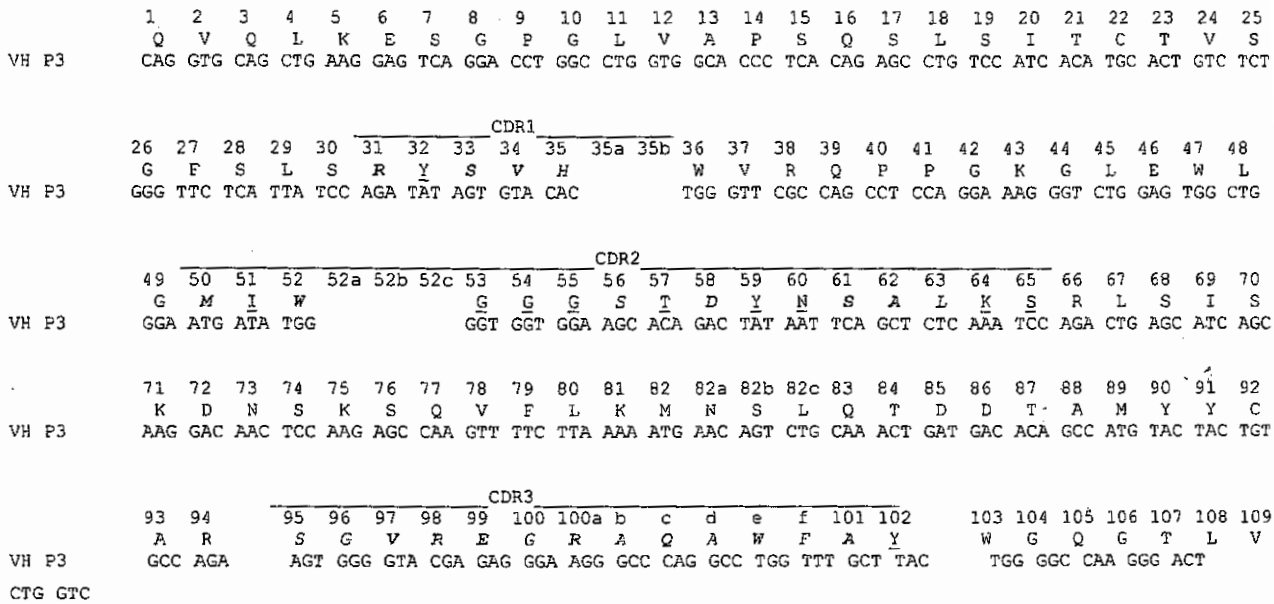


Figure 2

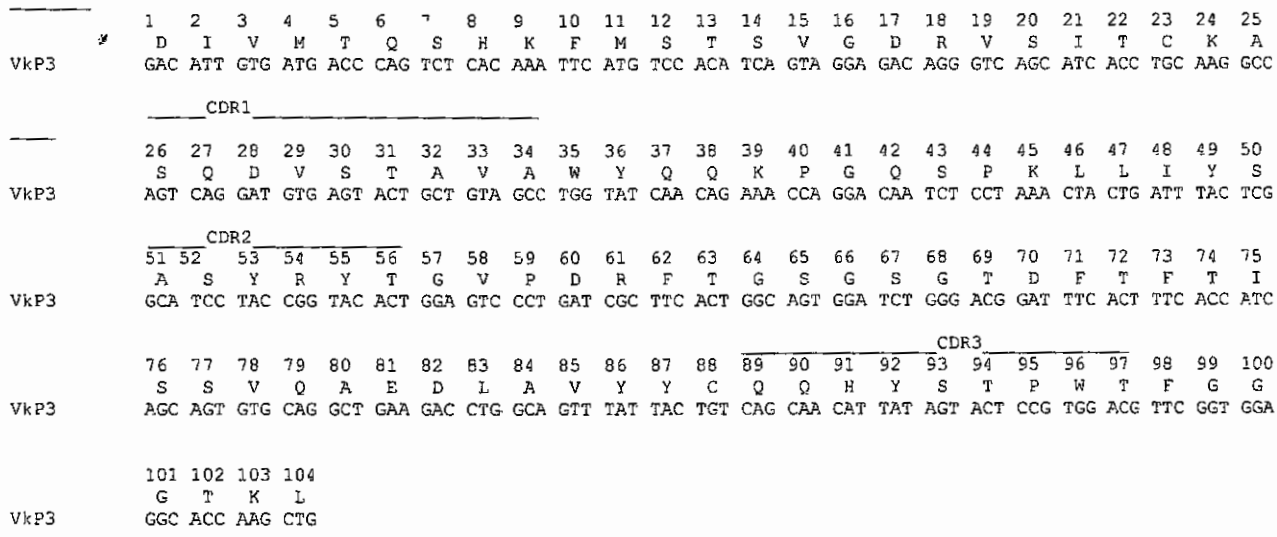


Figure 3

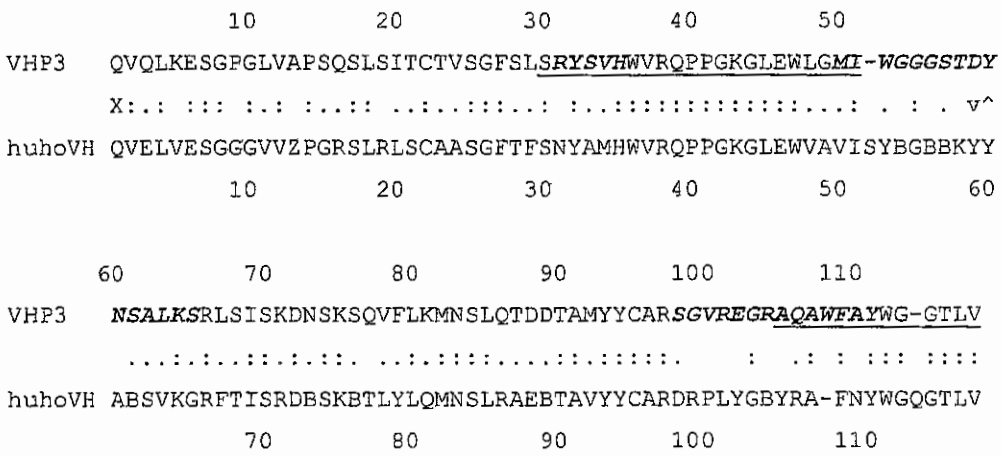


Figure 4



Figure 5

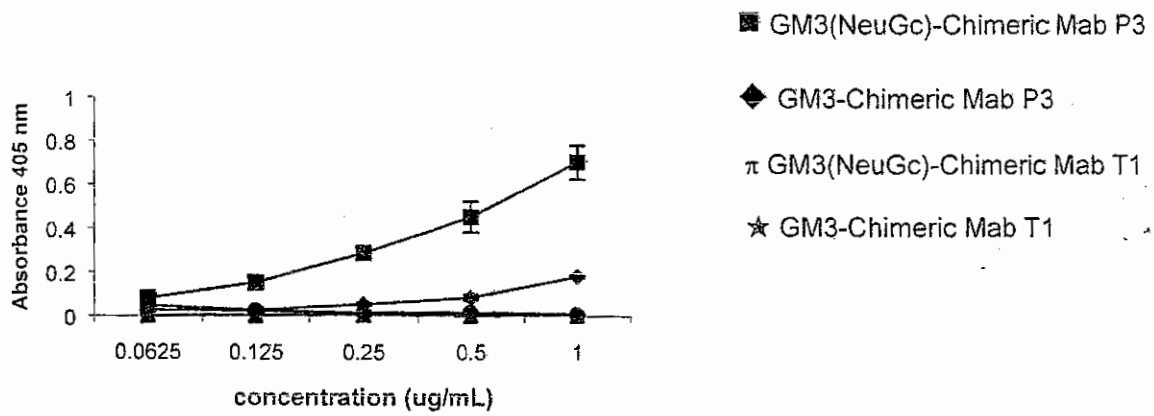


Figure 6

```
                 1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25
                 Q   V   Q   L   Q   Q   S   G   A   E   L   V   K   P   G   A   S   V   K   L   S   C   K   A   S
VH 1E10      CAG GTT CAG CTG CAG CAG TCT GGA CCT GAA CTG GTA AAG CCT GGG GCT TCA GTG AAG TTG TCC TGC AAG GCT TCT

                                                  CDR1
                26  27  28  29  30  31  32  33  34  35 35a 35b  36  37  38  39  40  41  42  43  44  45  46  47  48
                 G   Y   T   F   T   S   Y   D   I   N           W   V   R   Q   R   P   E   Q   G   L   E   W   I
VH 1E10      GGC TAC ACC TTC ACA AGC TAT GAT ATA AAC           TGG GTG AGG CAG AGG CCT GAA CAG GGA CTT GAG TGG ATT

                                                                  CDR2
                49  50  51  52 52a 52b 52c  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70
                 G   W   I   F   P               G   D   G   S   T   K   Y   N   E   K   F   K   G   K   A   T   L   T
VH 1E10      GGA TGG ATT TTT CCT               GGA GAT GGT AGT ACT AAG TAC AAT GAG AAG TTC AAG GGC AAG GCC ACA CTG ACT

                71  72  73  74  75  76  77  78  79  80  81  82 82a 82b 82c  83  84  85  86  87  88  89  90  91  92
                 T   D   K   S   S   S   T   A   Y   M   Q   L   S   R   L   T   S   E   D   S   A   V   Y   F   C
VH 1E10      ACA GAC AAA TCC TCC AGC ACA GCC TAC ATG CAG CTC AGC AGG CTG ACA TCT GAG GAC TCT GCT GTC TAT TTC TGT

                                                  CDR3
                93  94      95  96  97  98  99 100 100a  b   c   d 101 102      103 104 105 106 107 108 109 110 111
                 A   R       E   D   Y   Y   D   N   S   Y   Y   F   D   Y       W   G   Q   G   T   T   L   T   V
VH 1E10      GCA AGA     GAA GAC TAC TAT GAT AAC TCC TAC TAC TTT GAC TAC     TGG GGC CAA GGC ACC ACT CTC ACA GTC
```

Figure 7

```
                1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25
                D   I   Q   M   T   Q   T   T   S   S   L   S   A   S   L   G   D   R   V   T   I   S   C   R   A
Vk1E10          GAT ATC CAG ATG ACA CAG ACT ACA TCC TCC CTG TCT GCC TCT CTG GGA GAC AGA GTC ACC ATC AGT TGC AGG GCA

                                        CDR1
                26  27  27a 27b 27c 27d 27e 27f 28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44
                S   Q                           D   I   S   N   Y   L   N   W   Y   Q   Q   K   P   D   G   T   V
Vk1E10          AGT CAG ... ... ... ... ... ... GAC ATT AGC AAT TAT TTA AAC TGG TAT CAG CAG AAA CCA GAT GGA ACT GTT

                                                CDR2
                45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69
                K   L   L   I   Y   Y   T   S   R   L   H   S   G   V   P   S   R   F   S   G   S   G   S   G   T
Vk1E10          AAA CTC CTG ATC TAC TAC ACA TCA AGA TTA CAC TCA GGA GTC CCA TCA AGG TTC AGT GGC AGT GGG TCT GGA ACA

                                                                                                        CDR3
                70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90  91  92  93  94
                D   Y   S   L   T   I   S   N   L   E   Q   E   D   I   A   T   Y   F   C   Q   Q   G   N   T   L
Vk1E10          GAT TAT TCT CTC ACC ATT AGC AAC CTG GAG CAA GAA GAT ATT GCC ACT TAC TTT TGC CAA CAG GGT AAT ACG CTT

                95  95a 95b 96  97  98  99  100 101 102 103 104 105 106 107
                P           W   T   F   G   G   G   T   K   L   E   S   K
Vk1E10          CCG         TGG ACG TTC GGT GGA GGC ACC AAG CTG GAA ATC AAA
```

Figure 8

```
                10          20          30          40          50          60
VH1E10 QVQLQQSGAELVKPGASVKLSCKASGYTFTSYDINWVRQRPEQGLEWIGWIFPGDGSTKY
       :.X: ::::::. :::::::.:::::: :: .  :.:.:: : .::::.::: :...:. .:
huhoVH QTQLVQSGAEVRKPGASVRVSCKASGITFIDSYIHWIRQAPGHGLEWVGWINPNSGGPNY
                10          20          30          40          50          60

                70          80          90          100                 110
VH1E10 NEKFKGKATLTTDKSSSTAYMQLSRLTSEDSAVYFCAREDYY--DNSYYFDYWGQ
         .:.:..:.: : : ::::::.:  : :.::::..::. :      :v  : ::^.: :::
huhoVH APRFQGRVTMTRDASFSTAYMDLRSLRSDDSAVFYCAKSDPFWSDYYNFDYSYTLDVWGQ
                70          80          90          100         110         120


VH1E10 GTTLTV
       ::::.::
huhoVH GTTVTV
```

Figure 9

```
          10         20         30         40         50
VK1E10 DIQMTQTTSSLSASLGDRVTISCRASQDISNYLNWYQQKPDGTVKLLIYYTSRLHSGVP
       ::::::.. :::::::.:::::.X:::. ::.::.::..::  . .:::: .: ::::::
huhoVK DIQMTZSPSSLSASVGBRVTITCRASZTISSYLBWYZZKPGKAPBLLIYAASBLHSGVP
                10         20         30         40         50

      60         70         80         90        100
VK1E10 SRFSGSGSGTDYSLTISNLEQEDIATYFCQQGNTLPWTFGGGTKLESK
       ::::::::::::...:::.:. ...:::.:... . : ::: ::.:X :
huhoVK SRFSGSGSGTBFTFTISSLZPZBFATYYCZZSYSSPTTFGZGTRLZIK
      60         70         80         90        100
```

Figure 10

