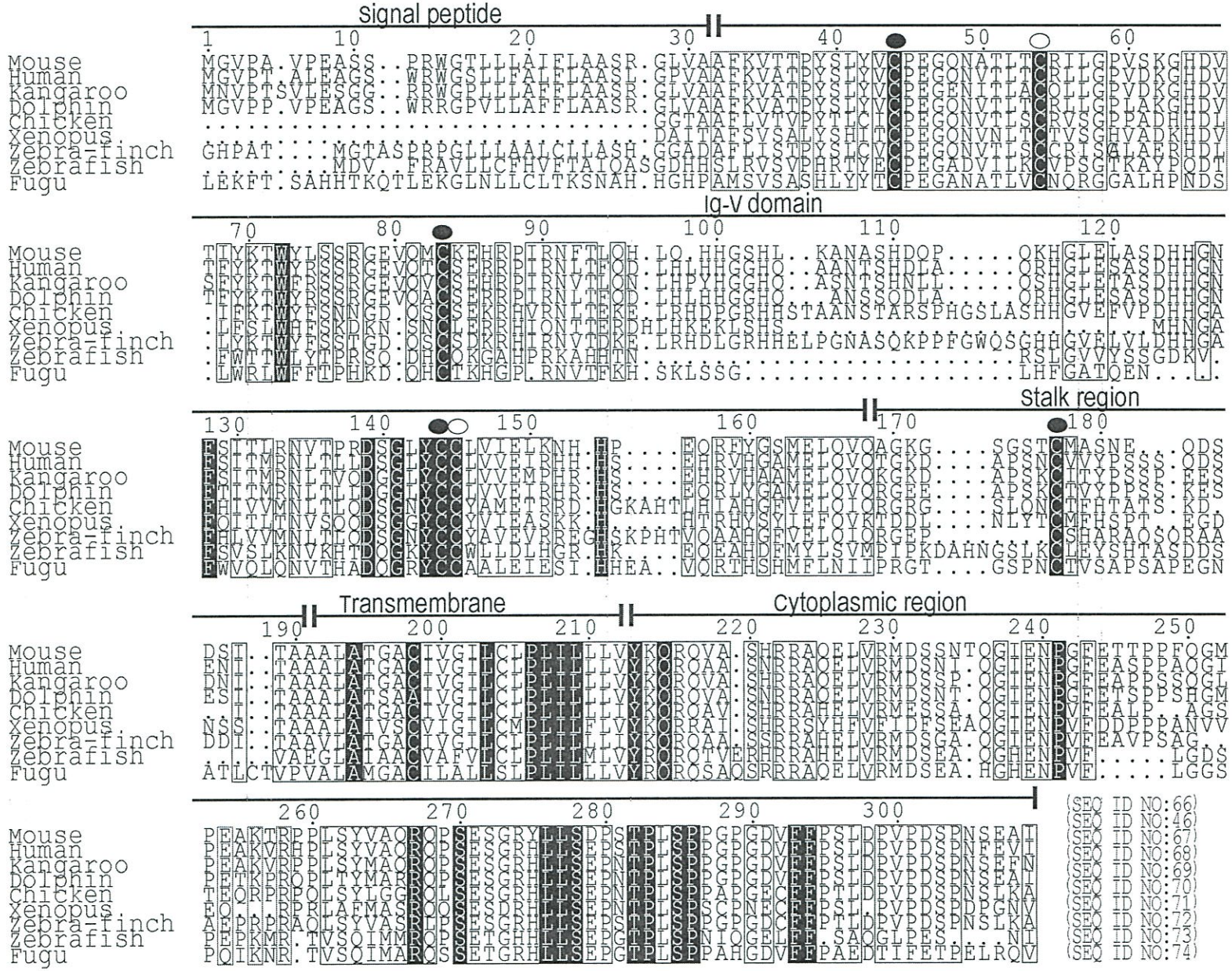

signal peptide
Ig-V domain
Stalk region
Transmembrane
Cytoplasmic region
Mouse
Human
Kangaroo
Dolphin
Chicken
Xenopus
Zebra-finch
Zebrafish
Fugu
(SEQ ID NO:66)
(SEQ ID NO:46)
(SEQ ID NO:67)
(SEQ ID NO:68)
(SEQ ID NO:69)
(SEQ ID NO:70)
(SEQ ID NO:71)
(SEQ ID NO:72)
(SEQ ID NO:73)
(SEQ ID NO:74)

FIG. 27

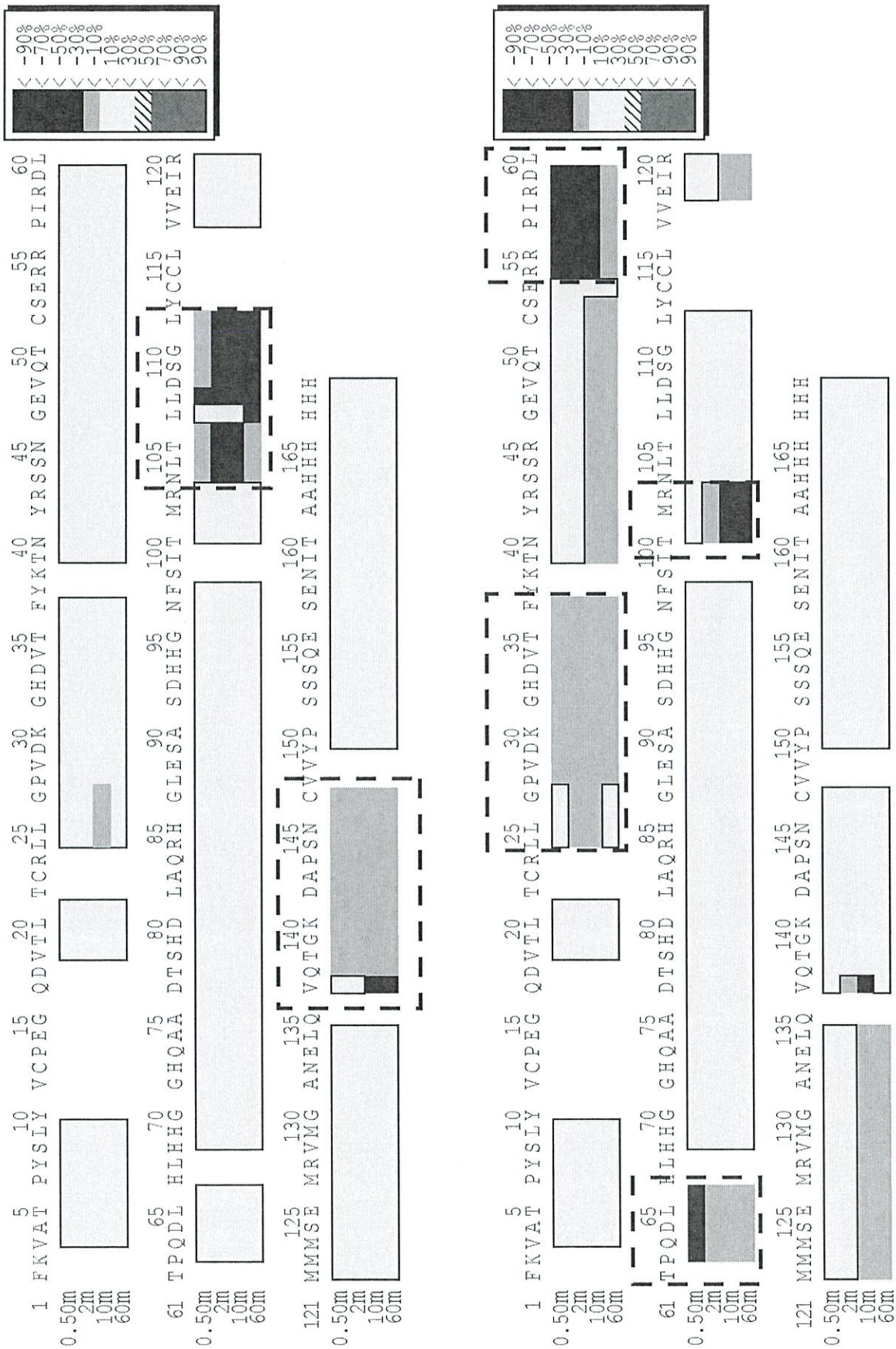

-90%
-70%
-50%
-30%
-10%
10%
30%
50%
70%
90%
>90%
1 FKVAT PYSLY VCPEG QDVTL TCRLL GPVDK GHDVT FYKTN YRSSN GEVQT CSERR PIRDL
61 TPQDL HLHHG GHQAA DTSHD LAQRH GLESA SDHHG NFSIT MRNLT LLDSG LYCCL VVEIR
121 MMMSE MRVMG ANELQ VQTGK DAPSN CVVYP SSSQE SENIT AAHHH HHH
0.50m
2m
10m
60m

FIG. 28

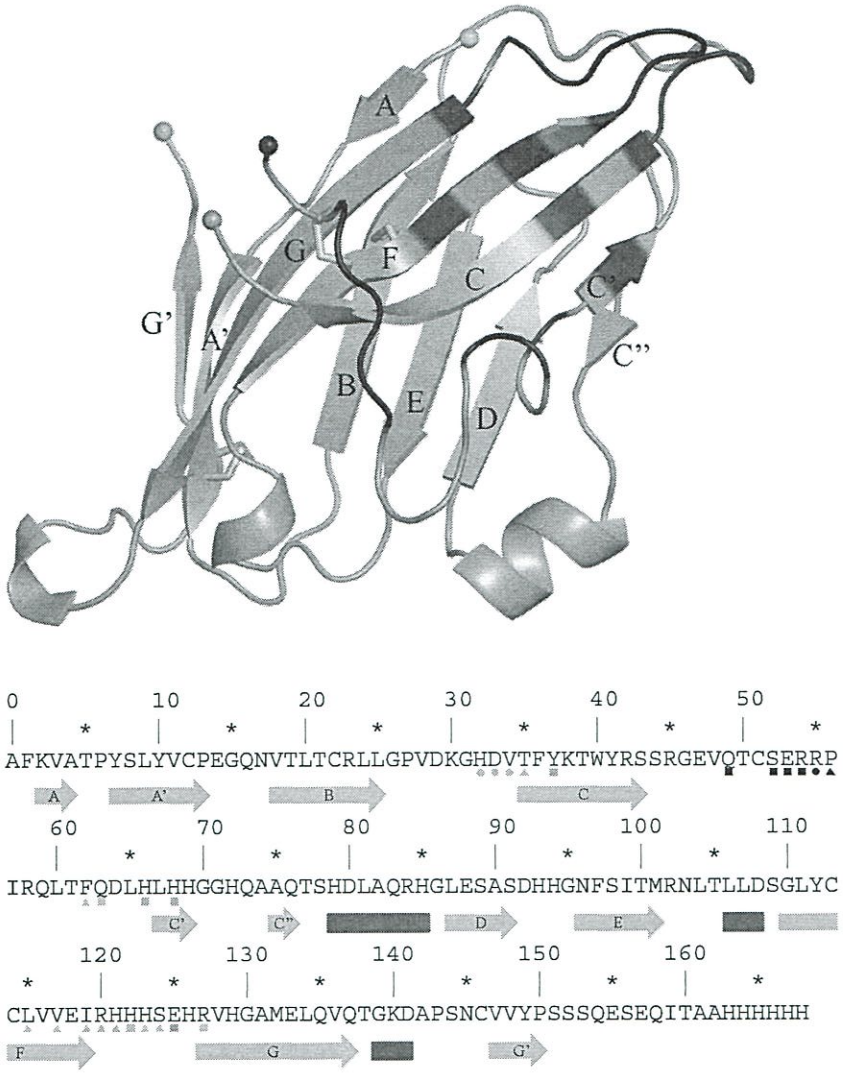
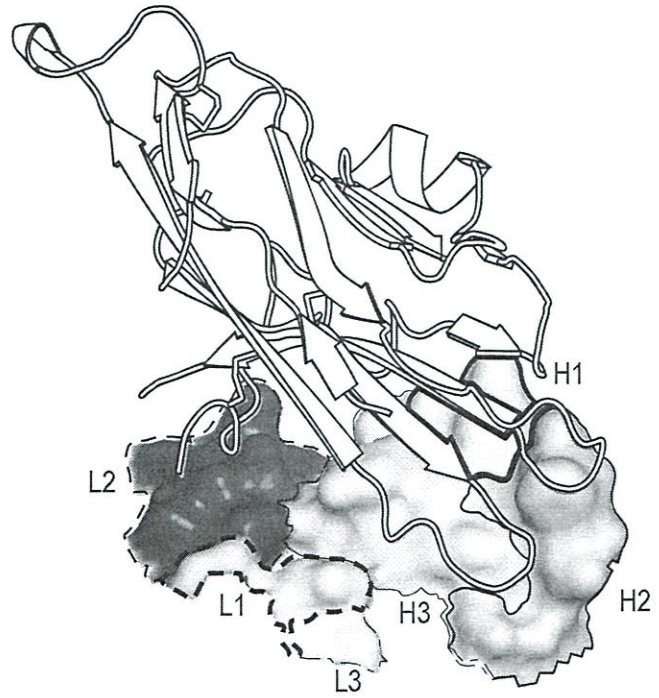

A
G
F
C
C'
G'
A'
C''
B
E
D
0 10 20 30 40 50
AFKVATPYSLYVCPEGQNVTLTCRLLGPVDKGHDVTFYKTWYRSSRGEVQTCSERRP
A
A'
B
C
60 70 80 90 100 110
IRQLTFQDLHLHHGGHQAAQTSHDLAQRHGLESASDHHGNFSITMRNLTLLDSGLYC
C'
C"
D
E
120 130 140 150 160
CLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNCVVYPSSSQESEQITAAHHHHHH
F
G
G'

Figure 29



LC

```
          10        20        30        40        50        60
     *    |    *    |    *    |    *    |    *    |    *    |
DIQMTQSPSSLSASVGDRVTITCRASQSIDTRLNWYQQKPGKAPKLLIYSASSLQSGVPS

          70        80        90       100       110       120
     *    |    *    |    *    |    *    |    *    |    *    |
RFSGSGSGTDFTLTISSLQPEDFATYYCQQSAYNPITFGQGTKVEIKRTVAAPSVFIFPP
```

HC

```
          10        20        30        40        50        60
     *    |    *    |    *    |    *    |    *    |    *    |
QVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYAISWVRQAPGQGLEWMGGIIPIFGTANY

          70        80        90       100       110       120
     *    |    *    |    *    |    *    |    *    |    *    |
AQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCARSSYGWSYEFDYWGQGTLVTVSS
```

FIG. 30