SUBSTITUTE SHEET (RULE 26)

HEAVY CHAIN

```
                    .............FR1.............  CDR1_  .....FR2......  _______CDR2_______
G28-1               AVQLQQSGPESEKPGASVKISCKASGYSFT GYNMN WVKQNNGKSLEWIG NIDPYYGGTTYNRKFKG
CAS-024             EVQLVQSGAEVKKPGESLKISCKGSGYSFT GYNMN WVRQMPGKGLEWMG NIDPYYGGTTYNRKFKG
Consensus           -VQL-QSG-E--KPG-S-KISCK-SGYSFT GYNMN WV-Q--GK-LEW-G NIDPYYGGTTYNRKFKG

                    ..............FR3.............  __CDR3_  .....FR4...
G28-1               KATLTVDKSSSTAYMQLKSLTSEDSAVYYCAR SVGPMDY WGQGTSVTVSS
CAS-024             QVTISADKSISTAYLQWSSLKASDTAMYYCAR SVGPFDS WGQGTLVTVSS
Consensus           --T---DKS-STAY-Q--SL---D-A-YYCAR SVGP-D- WGQGT-VTVSS
```

LIGHT CHAIN

```
                    ........FR1.............  ___CDR1____  ......FR2......  _CDR2__
G28-1               DIQMTQSPASLSASVGETVTITC  RTSENVYSYLA  WYQQKQGKSPQLLVS  FAKTLAE
CAS-024             EIVLTQSPATLSLSPGERATLSC  RASENVYSYLA  WYQQKPGQAPRLLIY  FAKTLAE
Consensus           -I--TQSPATLS-S-GE--T--C  R-SENVYSYLA  WYQQK-G--P-LL--  FAKTLAE

                    ..............FR3.............  __CDR3___  ....FR4...
G28-1               GVPSRFSGSGSGTQFSLKISSLQPEDSGSYFC  QHHSDNPWT  FGQGTKVEIK
CAS-024             GIPARFSGSGSGTDFTLTISSLEPEDFAVYYC  QHHSDNPWT  FGQGTKVEIK
Consensus           G-P-RFSGSGSGT-F-L-ISSL-PED---Y-C  QHHSDNPWT  FGQGTKVEIK
```

Fig. 1

HEAVY CHAIN

```
                .............FR1.............  CDR1_  .....FR2......  _______CDR2_____
G28-1           AVQLQQSGPESEKPGASVKISCKASGYSFT GYNMN WVKQNNGKSLEWIG NIDPYYGGTTYNRKFKG
CAS-024         EVQLVQSGAEVKKPGESLKISCKGSGYSFT GYNMN WVRQMPGKGLEWMG NIDPYYGGTTYNRKFKG
Consensus       -VQL-QSG-E--KPG-S-KISCK-SGYSFT GYNMN WV-Q--GK-LEW-G NIDPYYGGTTYNRKFKG

                .............FR3.............  __CDR3_  .....FR4...
G28-1           KATLTVDKSSSTAYMQLKSLTSEDSAVYYCAR SVGPMDY WGQGTSVTVSS
CAS-024         QVTISADKSISTAYLQWSSLKASDTAMYYCAR SVGPFDS WGQGTLVTVSS
Consensus       --T---DKS-STAY-Q--SL---D-A-YYCAR SVGP-D- WGQGT-VTVSS
```

LIGHT CHAIN

```
                ........FR1.............  ___CDR1____  ......FR2......  _CDR2__
G28-1           DIQMTQSPASLSASVGETVTITC  RTSENVYSYLA  WYQQKQGKSPQLLVS FAKTLAE
CAS-024         EIVLTQSPATLSLSPGERATLSC  RASENVYSYLA  WYQQKPGQAPRLLIY FAKTLAE
Consensus       -I--TQSPATLS-S-GE--T--C  R-SENVYSYLA  WYQQK-G--P-LL-- FAKTLAE

                .............FR3.............  __CDR3___  ....FR4...
G28-1           GVPSRFSGSGSGTQFSLKISSLQPEDSGSYFC  QHHSDNPWT  FGGGTELEIK
CAS-024         GIPARFSGSGSGTDFTLTISSLEPEDFAVYYC  QHHSDNPWT  FGQGTKVEIK
Consensus       G-P-RFSGSGSGT-F-L-ISSL-PED---Y-C  QHHSDNPWT  FG-GT--EIK
```

Fig. 1