FIG. 2

Humanization of 10G1

VH domain sequence

```
IGHV7-4-1*02  1  QVQLVQSGSELKKPGASVKVSCKASGYTFTSYAMNWVRQAPGQGLEWMGWINTNTGNPTY 60
h10G1         1  EI.......................P..T.G.S..................DS.V... 60
10G1          1  .I......P......ET..I.......P..T.G.S..K....K..K.......DS.V... 60

IGHV7-4-1*02 61  AQGFTGRFVFSLDTSVSTAYLQISSLKAEDTAVYYCAR  98
h10G1        61  .DD.K............................F...  98
10G1         61  .DD.K...A...E..AN......N...N..A.T.F...  98
```

VL domain sequence

```
IGKV6D-21*02  1  EIVLTQSPDFQSVTPKEKVTITCRASQSIGSSLHWYQQKPDQSPKLLIKYASQSISGVPS 60
h10G1         1  ...M......................D.YRN..........T......H..D....I.. 60
10G1          1  D.LM....TTL....G.T.SLS.....D.YRN.......SQGT.R....H..D....I.. 60

IGKV6D-21*02 61  RFSGSGSGTDFTLTINSLEAEDAAAYYCHQSSSLP  95
h10G1        61  ............................L.GY.M.  95
10G1         61  ..T..........S...VKP..EGI...L.GY.M.  95
```