Sequences

Amino acids are indicated using the common letter code. When several possible amino acid substitutions are indicated, it is assumed that just one amino acid is selected from listed possible substitutions.

SEQ ID NO 1

F-T-F-S-X31-X32-X33-X34 – X35

X31 - N, D, K, L, P or T;

X32 - Y and F;

X33 - A, G, N, S, T or V;

X34 - M and I;

X35 - S, G, N or T;

SEQ ID NO 2

X50 –I – X52– X52a–– X52b- X53-G-X55-X56-X57-X58

X50 - R, G, I, L, M and S;

X52 - D and E;

X52a - G and M;

X52b - G, L, R and V;

X53 - I and L;

X55 - S, T, L, R and W;

X56 - S, T, S and Y;

X57 - S, T, L, R and W;

X58 - Y, T, L and K;

SEQ ID NO: 3

C-A- X94-X95- Y- X97-X98-X99-X100-X100a,

X94 - R, V, A and I;

X95 - N, E, L, S, T and V;

X97 - Y, F and V;

X98 - G and S;

X99 - M, A, F, L, P and Y;

X100 - Y, F, H, I, S and W;

X100a - Y, A, I, N, R, S and V

SEQIDNO:4:

T-G-T-S-X28-X29-X30-X31-X32-X33-X34-X35,

X28 - E, N and R;

X29 - D, S and T;

X30 - V, L and R;

X31 - G and V;

X32 - F, Y, L, S, T and V;

X33 - G, L and V;

X34 - N, S, P and R;

X35 - Y, W, A and L

SEQ ID NO: 5

X50-X51-X52-X53-R-P-S

X50 - R, E and L,

X51 - V, S and L,

X52 - N and G;

X53 - T, I, K, L, R and W;

SEQ ID NO: 6

C-X89-X90-X91-X92-X93-X94-X95-X95a-X95b,

X89 - S and A;

X90 - S, G and T;

X91 - Y, F, A and I;

X92 - K and R;

X93 - A and S;

X94 - G and F;

X95 - G and H;

X95a - T;

X95b - Y, I, L and W.

SEQ ID NO 7: TGTSEDVGFGNYVS

SEQ ID NO 8: RVNTRPS

SEQ ID NO 9: CSSYKAGGTY.

SEQ ID NO 10: T-G-T-S-E-D-V-G-F-G-N-Y

SEQ ID NO 11: R-V-N-T-R-P-S

SEQ ID NO 12: C-S-S-Y-K-A-G-G-T-Y

SEQ ID NO 13

QVQLVQSGGGLVQPGGSLRLSCAADGFTFSNYAMSWVRQAPGKGL
EWVSRIEGGIGSSTYAVDSVKDRFTISRDDAKNTLYLQMSSLKTEDTAVYY
CAVNYYGMYYWGQGTLVTVSS

SEQ ID NO 14

QSVLTQPPSVSVAPGKTVTISCTGTSEDVGFGNYVSWYQHLPGTAP
KLLIYRVNTRPSGVPDRFSGSQSGNTASLTISGLQAEDEADYYCSSYKAGG
TYVFGGGTKLTVLGQ

SEQ ID NO 15

QVQLVQSGGGLVQPGGSLRLSCAADGFTFSNYAMSWVRQAPGKGL
EWVSRIEGGIGSSTYAVDSVKDRFTISRDDAKNTLYLQMSSLKTEDTAVYY
CAVNYYGMYYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQ
TYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKP
KDTLYITREPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP
QVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPP
VLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP
GK

SEQ ID NO 16

QSVLTQPPSVSVAPGKTVTISCTGTSEDVGFGNYVSWYQHLPGTAP
KLLIYRVNTRPSGVPDRFSGSQSGNTASLTISGLQAEDEADYYCSSYKAGG
TYVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAV
TVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSC
QVTHEGSTVEKTVAPTECS