Sequence Listing

SEQ ID NO: 1

BMA031 Heavy chain variable domain:

EVQLQQSGPELVKPGASVKMSCKASGYKFTSYVMHWVKQKPGQGLEWIGYINPYNDV TKYNEKFKGKATLTSDKSSSTAYMELSSLTSEDSAVHYCARGSYYDYDGFVYWGQGT LVTVSA

SEQ ID NO: 2

BMA031 Light chain variable domain:

QIVLTQSPAIMSASPGEKVTMTCSATSSV.SYMHWYQQKSGTSPKRWIYDTSKLASGVP ARFSGSGSGTSYSLTISSMEAEDAATYYCQQWSSNPLTFGAGTKLELK

SEQ ID NO: 3

EuCIV3 Heavy chain variable domain:

QVQLVQSGAEVKKPGSSVKVSCKASGYKFTSYVMHWVKQAPGQGLEWIGYINPYNDV TKYNEKFKGKATLTADESTNTAYMELSSLRSEDTAVHYCARGSYYDYDGFVYWGQGT LVTVSS

SEQ ID NO: 4

EuCIV3 Light chain variable domain:

DIQMTQSPSTLSASVGDRVTMTCSATSSV.SYMHWYQQKPGKAPKRWIYDTSKLASGV PARFIGSGSGTEFTLTISSLQPDDFATYYCQQWSSNPLTFGGGTKVEIK (h)

SEQ ID NO: 5

HEBE1 Heavy chain variable domain:

EVQLLESGGGLVQPGGSLRLSCAASGYKFTSYVMHWVKQAPGKGLEWIGYINPYNDV TKYNEKFKGKATLSRDNSKNTLYLQMNSLRAEDTAVHYCARGSYYDYDGFVYWGQGT LVTVSS

SEQ ID NO: 6

HEBE1 Light chain variable domain:

DIQMTQSPSTLSASVGDRVTMTCSATSSVSYMHWYQQKPGKAPKRWIYDTSKLASGV PARFIGSGSGTEFTLTISSLQPDDFATYYCQQWSSNPLTFGGGTKVEIK

SEQ ID NO: 7

HEBE1 H10 Heavy chain variable domain:

EVQLQQSGPELVKPGASVKMSCKASGYKFTSYVMHWVKQAPGKGLEWIGYINPYNDV TKYNEKFKGKATLSRDNSKNTLYLQMNSLRAEDTAVHYCARGSYYDYDGFVYWGQGT LVTVSS

SEQ ID NO: 8

GL1BM Heavy chain variable domain:

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVRQAPGQRLEWMGYINPYND VTKYNEKFKGKATITRDTSANTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGT LVTVSS

SEQ ID NO: 9

GL1BM Light chain variable domain:

EIVLTQSPATLSLSPGERATLSCSATSSVSYMHWYQQKPGQAPRRWIYDTSKLASGVP ARFSGSGSGTDFTLTISSLEPEDFAVYYCQQWSSNPLTFGGGTKVEIK

SEQ ID NO: 10

HuIgG1 Fc delta ab:

ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPPV AGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTL PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKL TVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

SEQ ID NO: 11

HuIgG4 agly Fc:

ASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ SSGLYSLSSVVTVPSSSLGTKTYTCNVDHKPSNTKVDKRVESKYGPPCPPCPAPEFLG GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREE QFQSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLP PSQEEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSRL TVDKSRWQEGNVFSCSVMHEALHNHYTQKSLSLSLGK

SEQ ID NO: 12

HEBE1 H66 Heavy chain variable domain:

EVQLLQSGGGLVQPGGSLRLSCAASGYKFTSYVMHWVRQAPGKGLEWVGYINPYND VTKYNEKFKGRFTLSRDNSKNTLYLQMNSLRAEDTAVYYCARGSYYDYDGFVYWGQG TLVTVSS

SEQ ID NO: 13

HEBE1 H71 Heavy chain variable domain:

EVQLLESGGGLVQPGGSVRLSCAASGYKFTSYVMHWVRQAPGKGLEWVGYINPYND VTKYNEKFKGRFTLSRDNSKNTLYLQMNSLRAEDTAVYYCARGSYYDYDGFVYWGQG TLVTVSS

SEQ ID NO: 14

GL1BM VK43 Light chain variable domain:

EIVLTQSPATLSLSPGERATLSCSATSSVSYMHWYQQKPGQAPRRLIYDTSKLASGVP ARFSGSGSGTSYTLTISSLEPEDFAVYYCQQWSSNPLTFGGGTKVEIK

SEQ ID NO: 15

GL1BM VH28 Heavy chain variable domain:

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVKQAPGQGLEWIGYINPYNDV TKYNEKFKGRVTITRDTSASTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGTL VTVSS

SEQ ID NO: 16

GL1BM VH31 Heavy chain variable domain:

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVRQAPGQGLEWIGYINPYNDV TKYNEKFKGRVTITRDTSASTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGTL VTVSS

SEQ ID NO: 17

IGH3-23 HEAVY CHAIN

EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGGS TYYADSVKGRFTISRDNSKNTLYLQMNSLRAEDTAVYYCAK

SEQ ID NO: 18

IGHV1-3*01 HEAVY CHAIN

QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYAMHWVRQAPGQRLEWMGWINAGN GNTKYSQKFQGRVTITRDTSASTAYMELSSLRSEDTAVYYCAR

SEQ ID NO: 19

IGKV3-11*01 LIGHT CHAIN

EIVLTQSPATLSLSPGERATLSCRASQSVSSYLAWYQQKPGQAPRLLIYDASNRATGIP ARFSGSGSGTDFTLTISSLEPEDFAVYYCQQRSNWP

SEQ ID No. 20

GL1BM VHΔS

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVRQAPGQRLEWMGYINPYND VTKYNEKFKGKATITRDTSASTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGT LVTVSS

SEQ ID No 21

GL1BM VK1

EIVLTQSPATLSLSPGERATLSCSATSSVSYMHWYQQKPGQAPRRWIYDTSKLASGVP ARFSGSGSGTDFTLTISSLEPEDFAVYYCQQWSSNPLTFGGGTKVEIK

SEQ ID No 22

GL1BM VK27

EIVLTQSPATLSLSPGERATLSCSATSSVSYMHWYQQKPGQAPRRWIYDTSKLASGVP ARFSGSGSGTDFTLTISSMEPEDFAVYYCQQWSSNPLTFGGGTKVEIK

SEQ ID No 23

GL1BM VHΔS VH11

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVKQKPGQGLEWIGYINPYNDV TKYNEKFKGKATITRDTSASTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGTL VTVSS

SEQ ID No 24

GL1BM VHΔS VH15

QVQLVQSGAEVKKPGASVKVSCKASGYKFTSYVMHWVKQAPGQGLEWIGYINPYNDV
TKYNEKFKGKATITRDTSASTAYMELSSLRSEDTAVYYCARGSYYDYDGFVYWGQGTL
VTVSS