SEQUENCE LISTING

SEQ ID NO: 1
Light Chain Amino Acid sequence, L1

DIVLTQSPDSLAVSLGERATINCKASQDVNTAVAWYQQKPDQSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQAEDVAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 2
Heavy Chain Amino Acid sequence, H1

QVQLVQSGAEVKKPGASVKVSCKASGYTFTDEYMNWVRQAPGQSLEWMGYINPNNG
GADYNQKFQGRVTMTVDQSISTAYMELSRLRSDDTAVYFCARLGYSNPYFDFWGQGT
LVTVSS

SEQ ID NO: 3
Light Chain Amino Acid sequence, L2

DIVLTQSPATLSLSPGERATLSCRASQDVNTAVAWYQQKPDQSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQPEDFAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 4
Heavy Chain Amino Acid sequence, H2

EVQLVQSGAEVKKPGASVKVSCKASGYTFTDEYMNWVRQAPGKSLEWVGYINPNNGG
ADYNQKFQGRVTITVDQSASTAYMELSSLRSEDTAVYFCARLGYSNPYFDFWGQGTLV
TVSS

SEQ ID NO: 5
Light Chain Amino Acid sequence, L3

DIVLTQSPSFLSASVGDRVTITCQASQDVNTAVAWYLQKPGKSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQPEDFAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 6
Heavy Chain Amino Acid sequence, H3

QVQLVQSGAEVKKPGASVKVSCKASGYTFTDEYMNWVRQAPGQSLEWMGYINPNNG
GADYNPSLKSRVTISVDQSISTAYMELSRLRSDDTAVYFCARLGYSNPYFDFWGQGTLV
TVSS

SEQ ID NO: 7
Light Chain Amino Acid sequence, L4

DIVLTQSPATLSLSPGERATLSCRASQDVNTAVAWYQQKPGKSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQPEDFAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 8
Heavy Chain Amino Acid sequence, H4

EVQLVESGGGLVKPGGSLRLSCAASGYTFTDEYMNWVHQAPGKSLEWVGYINPNNGG
ADYNPSLKSRVTISVDQSKSIAYLQMNSLKTEDTAVYFCARLGYSNPYFDFWGQGTLVT
VSS

SEQ ID NO: 9
Light Chain Amino Acid sequence, L5

DIVLTQSPATLSLSPGERATLSCRASQDVNTAVAWYQQKPGQSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQSEDFAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 10
Heavy Chain Amino Acid sequence, H5

QVQLKQSGAEVKKPGASVKVSCKASGYTFTDEYMNWVRQAPGKSLEWMGYINPNNG
GADYNQKFQGRVTMTVDQSISTAYMELSRLRSDDTAVYFCARLGYSNPYFDFWGQGT
LVTVSS

SEQ ID NO: 11
Light Chain Amino Acid sequence, L6

DIVLTQSPSFLSASVGDRVTITCQASQDVNTAVAWYQQKPGKSPKLLIYWASTRHTGVP
ARFTGSGSGTDYTLTISSLQPEDFAVYFCQQHHVSPWTFGGGTKVEIK

SEQ ID NO: 12
Heavy Chain Amino Acid sequence, H6

QVQLVQSGSELKKPGASVKVSCKASGYTFTDEYMNWVRQAPGKSLEWMGYINPNNGG
ADYNQKFQGRVTMTVNQSISTAYMELSRLRSDDTAVYFCARLGYSNPYFDFWGQGTL
VTVSS

SEQ ID NO: 13
1B6 Amino acid sequence VL CDR1

SSISSSN

SEQ ID NO: 14
1B6 Amino acid sequence VL CDR2

GTS

SEQ ID NO: 15
1B6 Amino acid sequence VL CDR3

QQWSSYPFT

SEQ ID NO: 16
1B6 Amino acid sequence VH CDR1

GYTFTDYE

SEQ ID NO: 17
1B6 Amino acid sequence VH CDR2

IDPETGGA

SEQ ID NO: 18
1B6 Amino acid sequence VH CDR3
TRLGSSPWYFDV

SEQ ID NO: 19
6C12 Amino acid sequence VL CDR1

SSISSSN

SEQ ID NO: 20
6C12 Amino acid sequence VL CDR2

GTS

SEQ ID NO: 21
6C12 Amino acid sequence VL CDR3

QQWSTYPFT

SEQ ID NO: 22
6C12 Amino acid sequence VH CDR1

GYTFTDYE

SEQ ID NO: 23
6C12 Amino acid sequence VH CDR2
IDPETGGT

SEQ ID NO: 24
6C12 Amino acid sequence VH CDR3

TRLGISPWYFDV

SEQ ID NO: 25
8C7 Amino acid sequence VL CDR1

KSISKY

SEQ ID NO: 26
8C7 Amino acid sequence VL CDR2

SGS

SEQ ID NO: 27
8C7 Amino acid sequence VL CDR3

QQHNEYPYT

SEQ ID NO: 28
8C7 Amino acid sequence VH CDR1

GYRFTDYN

SEQ ID NO: 29
8C7 Amino acid sequence VH CDR2

ISPNNGGT

SEQ ID NO: 30
8C7 Amino acid sequence VH CDR3

ARREAWYGGYYKWYFDV

SEQ ID NO: 31
10B11 Amino acid sequence VL CDR1

SSISSNY

SEQ ID NO: 32
10B11 Amino acid sequence VL CDR2

RTS

SEQ ID NO: 33
10B11 Amino acid sequence VL CDR3

QQGSGIFT

SEQ ID NO: 34
10B11 Amino acid sequence VH CDR1

GYTFTTYG

SEQ ID NO: 35
10B11 Amino acid sequence VH CDR2

INTYSGVP

SEQ ID NO: 36
10B11 Amino acid sequence VH CDR3

ARRDFYGNYGDY

SEQ ID NO: 37
10G4 Amino acid sequence VL CDR1

QDISSY

SEQ ID NO: 38
10G4 Amino acid sequence VL CDR2

YTS

SEQ ID NO: 39
10G4 Amino acid sequence VL CDR3

QQGNVFPWT
SEQ ID NO: 40
10G4 Amino acid sequence VH CDR1

GYTFTDSY

SEQ ID NO: 41
10G4 Amino acid sequence VH CDR2

ILPNNGGI

SEQ ID NO: 42
10G4 Amino acid sequence VH CDR3

ARSGGLVGGYFDY

SEQ ID NO: 43

10C9 Amino acid sequence VL CDR1

QDVNTA

SEQ ID NO: 44
10C9 Amino acid sequence VL CDR2

WAS

SEQ ID NO: 45
10C9 Amino acid sequence VL CDR3

QQHHVSPWT

SEQ ID NO: 46
10C9 Amino acid sequence VH CDR1

GYTFTDEY

SEQ ID NO: 47
10C9 Amino acid sequence VH CDR2

INPNNGGA

SEQ ID NO: 48
10C9 Amino acid sequence VH CDR3

ARLGYSNPYFDF

SEQ ID NO: 49
Mouse Ig VH Forward Primer

5' GGGAATTCATGRASTTSKGGYTMARCTKGRTTTGGGAATTCATGRAATGSASCTGG
GTYWTYCTCTTACTAGTCGACATGAAGWTGTGGBTRAACTGGRTACTAGTCGACAT
GGRATGGASCKKIRTCTTTMTCTACTAGTCGACATGAACTTYGGGYTSAGMTTGRTTT
ACTAGTCGACATGTACTTGGGACTGAGCTGTGTATACTAGTCGACATGAGAGTGCTG
ATTCTTTTGTGACTAGTCGACATGGATTTTGGGCTGATTTTTTTTATTG

SEQ ID NO: 50
Mouse Ig VH Reverse Primer

3' CCCAAGCTTCCAGGGRCCARKGGATARACIGRTGG

SEQ ID NO: 51
Mouse Ig VL Forward Primer

5’GGGAATTCATGRAGWCACAKWCYCAGGTCTTTACTAGTCGACATGAGIMMKTCIM
TTCAITTCYTGGGACTAGTCGACATGAKGTHCYCIGCTCAGYTYCTIRGACTAGTCGA
CATGGTRTCCWCASCTCAGTTCCTTGACTAGTCGACATGTATATATGTTTGTTGTCTA
TTTCTACTAGTCGACATGAAGTTGCCTGTTAGGCTGTTGGTGCTACTAGTCGACATG
GATTTWCARGTGCAGATTWTCAGCTTACTAGTCGACATGGTYCTYATVTCCTTGCTG
TTCTGGACTAGTCGACATGGTYCTYATVTTRCTGCTGCTATGG

SEQ ID NO: 52
Mouse Ig VL Reverse Primer

3’ CCCAAGCTTACTGGATGGTGGGAAGATGGA