

AQEV^TQIPAALS^VPEGEN^LVLNCS^FTDS^AIYN^LQWFR^QDPGK^LTSLLLIT^PWQRE^QTS
GRLNAS^LDKSSGR^STL^YIAAS^QPGDS^ATYLCA^VRPL^VDPTY^IPTFGR^GTS^LIVHP^YIQNP
DPA^VYQLR^DSKSS^DKSVCL^FTDF^SQTN^VSQSK^DSD^VYIT^DKCV^LDM^RSM^DFD^KSN^SA
VAWS^NKSD^FACAN^AFN^NSI^IPED^T (SEQ ID No: 1)

Figure 1a

GCCCAAGAAGTTACCCAAATCCCGGCAGCCCTGAGTGTCCCGGAAGGTGAAAATC
TGGTCCTGAATTGCTCGTTTACCGATAGCGCCATTTACAACCTGCAGTGGTTTCGTC
AAGATCCGGGCAAAGGTCTGACCAGCCTGCTGCTGATCACGCCGTGGCAGCGTGA
ACAAACCAGCGGCCCGCCTGAATGCCTCTCTGGATAAAAGCTCTGGTCGCAGCACCC
TGTATATTGCAGCATCACAGCCGGGTGACTCGGCTACGTACCTGTGTGCGGTGCGT
CCGCTGGTTGATCCGACCTATATCCCGACGTTTGGCCGCGGTACCAGTCTGATTGTT
CATCCGTATATCCAGAACCCGGATCCGGCGGTCTACCAACTGCGTGATAGTAAAAG
TTCCGACAAATCCGTGTGCCTGTTTACCGATTTTCGACTCACAGACGAATGTTTCAC
AATCGAAAGATTCGGACGTCTATATTACCGATAAATGTGTGCTGGACATGCGCAGC
ATGGATTTCAAAGCAACTCTGCAGTCGCTTGGAGTAATAAATCCGACTTTGCGTG
CGCCAACGCATTCAACAATTCTATTATCCCGGAAGATACG (SEQ ID No: 2)

Figure 1b

GVTQTPKFQVLKTGQSM^LLQCAQDMNHE^YMSW^RQDPGMGLRLIH^YSV^AIQTTD^QG
EVPNGYN^VSRSTTE^DFLRL^LLSAAPS^QTSV^YFCASS^YVGNTGELFFGEGS^RLT^VLED^LK
NVFPPE^VAVFEPSEAEISHTQ^KATL^VCLATG^FYPDH^VELSW^WVNGKE^VHSG^VCTDP^QP
LKEQ^PALNDS^RYALSS^RLRV^SATFW^QDP^RNH^FRCQ^VQFYGLSENDEWTQ^DRAK^PV^TQ
IVSAEAWGRAD (SEQ ID No: 3)

Figure 2a

GGTGT^TTACCCAGACGCCGAAAT^TCCAAG^TCCTGAAAACCGGCCAG^TCGATGACGC
TGCAGTGTGCACAAGATATGAATCATGAATATATGAGCTGGTACCGCCAAGACCC
GGGTATGGGCCTGCGTCTGATTCACTATAGCGTGGCCATCCAGACCACGGATCAAG
GTGAAGTTCCGAACGGCTACAATGTCTCCCGCTCAACCACGGAAGACTTTCCGCTG
CGTCTGCTGAGCGCAGCACCGTCGCAGACCAGCGTGTATTTCTGCGCAAGCTCTTA
CGTTGGTAACACCGGCGAACTGTTTTTCGGTGAAGGCAGCCGCCTGACGGTCCTGG
AAGATCTGAAAAATGTGTTTCCGCCGGAAGTCGCGGTGTTTGAACCGTCCGAAGCC
GAAATTTACATAACCCAGAAAGCAACGCTGGTGTGCCTGGCTACCGGTTTTTATCC
GGATCATGTGGAAGTGTCTTGGTGGGTAAACGGTAAAGAAGTGCACAGTGGCGTTT
GTACGGATCCGCAGCCGCTGAAAGAACAAACCGGCACTGAATGACTCCCGTTATGC
TCTGAGTTCCCGTCTGCGCGTTTCAGCCACCTTCTGGCAGGATCCGCGTAACCACTT
TCGCTGTCAGGTCCAATTCTACGGTCTGTCTGAAAATGATGAATGGACCCAGGACC
GTGCAAAACCGGTCACGCAAATCGTGAGTGCAGAAGCTTGGGGCCGTGCAGAT
(SEQ ID No: 4)

Figure 2b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKGLEWVALINPYKG
VSTYNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDYFDVW
GQGT^LVTVSS (SEQ ID No: 5)

Figure 3a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCCTGC
GTCTGTCTGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAAGGCCTGGAATGGGTCTGCTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATAACCGCTGT
GTATTACTGCGCTCGCTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG
GGGTCAGGGCACCTGGTGACCGTTAGTTCC (SEQ ID No: 6)

Figure 3b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKGLEWVALINPYKG
VSTYNQKFDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDYFDVW
GQGTLVTVSSGGGGSNAGVTQTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPG
MGLRLIHYSVAIQTTDQGEVPNGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNT
GELFFGEGSRLTVLEDLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFYDPDHVELSW
WVNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRVSATFWQDPRNHFRCQVQFYG
LSENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID No: 7)

Figure 4a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCCTGC
GTCTGTCTGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAAGGCCTGGAATGGGTCTGCTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATAACCGCTGT
GTATTACTGCGCTCGCTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG
GGGTCAGGGCACCTGGTGACCGTTAGTTCCGGCGGTGGCGGTAGCAACGCAGGT
GTTACCCAGACGCCGAAATTCCAAGTCCTGAAAACCGGCCAGTCTATGACGCTGCA
GTGTGCGCAAGATATGAACCATGAATACATGAGTTGGTACCGTCAGGACCCGGGT
ATGGGTCTGCGTCTGATTCATCTCTGTGGCGATCCAGACCACGGATCAAGGTGA
AGTTCCGAACGGCTACAATGTCTCGCGTAGCACCACGGAAGACTTTCCGCTGCGTC
TGCTGTCCGCAGCTCCGTCCCAGACCTCAGTGTATTTCTGCGCCTCATCGTACGTTG
GTAACACCGGCGAACTGTTTTTCGGTGAAGGCAGCCGTCTGACGGTCCTGGAAGAT
CTGAAAAATGTGTTTCCGCCGGAAGTCGCAGTGTTTGAACCGTCGGAAGCTGAAAT
TAGCCATACCCAGAAAGCGACGCTGGTTTGCCTGGCCACCGGTTTTTATCCGGATC
ATGTGGAACCTGTCCTGGTGGGTAAACGGTAAAGAAGTGCACTCAGGCGTTTGTACG
GATCCGCAGCCGCTGAAAGAACAACCGGCGCTGAATGACTCGCGCTATGCCCTGA
GCTCTCGTCTGCGCGTTAGCGCGACCTTCTGGCAGGATCCGCGTAACCACTTTCGC
TGTCAGGTCCAATTCTACGGTCTGTCCGAAAATGATGAATGGACCCAGGACCGTGC
GAAACCGGTCACGCAAATCGTGTGTCAGCGGAAGCCTGGGGCCGCGCAGAT (SEQ ID
No: 8)

Figure 4b

GGGGS (SEQ ID No: 9)

Figure 5

DIQMTQSPSSLSASVGDRVTITCRASQDIRNYLNWYQQKPGKAPKLLIYYTSRLESGVP
SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPWTFGQGTKVEIK (SEQ ID No: 10)

Figure 6a

GATATTCAGATGACGCAATCCCCGAGTTCCTGTCAGCTTCGGTTGGTGATCGTGT
CACCATTACGTGTCGCGCGAGCCAGGACATCCGTAACCTATCTGAATTGGTACCAGC
AAAAACCGGGTAAAGCTCCGAAACTGCTGATTTATTACACCTCCCGTCTGGAATCA
GGTGTGCCGTCGCGTTTTAGCGGCTCTGGTAGTGGCACCGATTATACCCTGACGAT
CTCATCGCTGCAGCCGGAAGACTTTGCGACGTATTACTGCCAGCAAGGCAACACCC
TGCCGTGGACGTTTCGGTCAGGGCACCAAAGTTGAAATCAAA (SEQ ID No: 11)

Figure 6b

DIQMTQSPSSLSASVGDRVITICRASQDIRNYLNWYQQKPGKAPKLLIYYTSRLESGVP
SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPWTFGQGTKVEIKGGGGSNAGVT
QTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPGMGLRLIHYSVAIQTTDQGEVP
NGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNTGELFFGEGSRLTVLEDLKNVF
PPEVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWWVNGKEVHSGVCTDPQPLKE
QPALNDSRYALSSRLRVSATFWQDPRNHFRCQVQFYGLSENDEWTQDRAKPVTQIVS
AEAWGRAD (SEQ ID No: 12)

Figure 7a

GATATTCAGATGACGCAATCCCCGAGTTCCTGTCAGCTTCGGTTGGTGATCGTGT
CACCATTACGTGTCGCGCGAGCCAGGACATCCGTAACCTATCTGAATTGGTACCAGC
AAAAACCGGGTAAAGCTCCGAAACTGCTGATTTATTACACCTCCCGTCTGGAATCA
GGTGTGCCGTCGCGTTTTAGCGGCTCTGGTAGTGGCACCGATTATACCCTGACGAT
CTCATCGCTGCAGCCGGAAGACTTTGCGACGTATTACTGCCAGCAAGGCAACACCC
TGCCGTGGACGTTTCGGTCAGGGCACCAAAGTTGAAATCAAAGGCGGTGGCGGTAG
CAATGCCGGTGTTACCCAGACGCCGAAATTCCAAGTCCTGAAAACCGGCCAGTCG
ATGACGCTGCAGTGTGCACAAGATATGAATCATGAATATATGAGCTGGTACCGCC
AAGACCCGGGTATGGGCCTGCGTCTGATTCATATAGCGTGGCCATCCAGACCACG
GATCAAGGTGAAGTTCCGAACGGCTACAATGTCTCCCGCTCAACCACGGAAGACTT
TCCGCTGCGTCTGCTGAGCGCAGCACCGTCGCAGACCAGCGTGTATTTCTGCGCAA
GCTCTTACGTTGGTAACACCGGCGAACTGTTTTTTCGGTGAAGGCAGCCGCCTGACG
GTCCTGGAAGATCTGAAAAATGTGTTTCCGCCGGAAGTCGCGGTGTTCGAACCGTC
CGAAGCCGAAATTTACATAACCCAGAAAGCAACGCTGGTGTGCCTGGCTACCGGTT
TTTATCCGGATCATGTGGAAGTGTCTTGGTGGGTTAACGGTAAAGAAGTGCACAGT
GGCGTTTGTACGGATCCGCAGCCGCTGAAAGAACAAACCGGCACTGAATGACTCCC
GTTATGCTCTGAGTTCCCGTCTGCGCGTTTCAGCCACCTTCTGGCAGGATCCGCGTA
ACCACTTTCGCTGTCAGGTCCAATTCTACGGTCTGTCTGAAAATGATGAATGGACC
CAGGACCGTGCAAAACCGGTCACGCAAATCGTGAGTGCAGAAGCCTGGGGCCGCG
CAGAT (SEQ ID No: 13)

Figure 7b

EVQLVESGGGLVQPGSLRLSCAASGYSFTGYTMNWVRQAPGKCLEWVALINPYKG
VSTYNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSDWYFDVW
GQGTLVTVSS (SEQ ID No: 14)

Figure 8a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCACTGC
GTCTGTCGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAATGCCTGGAATGGGTCGCTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATACCGCTGT
GTATTACTGCGCTCGCTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG

GGGTCAGGGCACCTGGTGACCGTTAGTTCC (SEQ ID No: 15)

Figure 8b

DIQMTQSPSSLSASVGDRVITICRASQDIRNYLNWYQQKPGKAPKLLIYYTSRLESGVP
SRFSGSGSDYTLTISSLQPEDFATYYCQQGNTLPWTFGCGTKVEIKR (SEQ ID No:
16)

Figure 9a

GATATTCAGATGACGCAGTCTCCGAGCAGCCTGTCCGCCTCCGTGGGTGACCGTGT
TACCATTACCTGTCGTGCCAGCCAAGATATTCGTAACCTATCTGAATTGGTACCAGC
AAAAACCGGGTAAAGCCCCGAACTGCTGATTTATTACACCTCGCGTCTGGAAAG
CGGCGTGCCGTCTCGCTTTAGTGGCTCCGGTTCAGGCACCGATTATACCCTGACGA
TCAGCTCTCTGCAGCCGGAAGACTTTGCAACGTATTACTGCCAGCAGGGTAACACC
CTGCCGTGGACGTTCCGGTTGCGGCACCAAAGTTGAAATTAAACGT (SEQ ID No: 17)

Figure 9b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKCLEWVALINPYKG
VSTYNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDYFDVW
GQGTLVTVSSGGGGSNAGVTQTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPG
MGLRLIHYSVAIQTTDQGEVPNGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNT
GELFFGEGSRLTVLEDLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFYDPDHVELSW
WVNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRVSATFWQDPRNHFRCQVQFYG
LSENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID No: 18)

Figure 10a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCACTGC
GTCTGTCTGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAATGCCTGGAATGGGTGCGTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATACCGCTGT
GTATTACTGCGCTCGTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG
GGGTCAGGGCACCTGGTGACCGTTAGTTCCGGCGGTGGCGGTAGCAACGCAGGT
GTTACCCAGACGCCGAAATTCCAAGTCCTGAAAACCGGCCAGTCTATGACGCTGCA
GTGTGCGCAAGATATGAACCATGAATACATGAGTTGGTACCGTCAGGACCCGGGT
ATGGGTCTGCGTCTGATTCACTATTCTGTGGCGATCCAGACCACGGATCAAGGTGA
AGTTCCGAACGGCTACAATGTCTCGCGTAGCACCACGGAAGACTTTCCGCTGCGTC
TGCTGTCCGCAGCTCCGTCCCAGACCTCAGTGTATTTCTGCGCCTCATCGTACGTTG
GTAACACCGGCGAACTGTTTTTCGGTGAAGGCAGCCGTCTGACGGTCCTGGAAGAT
CTGAAAAATGTGTTTCCGCCGGAAGTCGCAGTGTTTCGAACCGTCGGAAGCTGAAAT
TAGCCATACCCAGAAAGCGACGCTGGTTTTGCCTGGCCACCGGTTTTTATCCGGATC
ATGTGGAACCTGTCCTGGTGGGTAAACGGTAAAGAAGTGCACTCAGGCGTTTGTACG
GATCCGCAGCCGCTGAAAGAACAACCGGCGCTGAATGACTCGCGCTATGCCCTGA
GCTCTCGTCTGCGCGTTAGCGCGACCTTCTGGCAGGATCCGCGTAACCACTTTCGC
TGTCAGGTCCAATTCTACGGTCTGTCCGAAAATGATGAATGGACCCAGGACCGTGC
GAAACCGGTCACGCAAATCGTGTCTCAGCGGAAGCCTGGGGCCGCGCAGAT (SEQ ID
No: 19)

Figure 10b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKGLEWVALINPYKG
VSTYNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDWYFDVW
GCGTLVTVSS (SEQ ID No: 20)

Figure 11a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCCTGC
GTCTGTCTGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAAGGCCTGGAATGGGTTCGCTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATAACCGCTGT
GTATTACTGCGCTCGCTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG
GGGTGCGGCACCCCTGGTGACCGTTAGTTCC (SEQ ID No: 21)

Figure 11b

DIQMTQSPSSLSASVGDRVTITCRASQDIRNYLNWYQQKPGKCPKLLIYYTSRLESGVP
SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPWTFGQGTKVEIKR (SEQ ID No: 22)

Figure 12a

GATATTCAGATGACGCAGTCTCCGAGCAGCCTGTCCGCCTCCGTGGGTGACCGTGT
TACCATTACCTGTCGTGCCAGCCAAGATATTCGTAACCTATCTGAATTGGTACCAGC
AAAAACCGGGTAAATGCCCGAACTGCTGATTTATTACACCTCGCGTCTGGAAAGC
GGCGTGCCGTCTCGCTTTAGTGGCTCCGGTTCAGGCACCGATTATACCCTGACGAT
CAGCTCTCTGCAGCCGGAAGACTTTGCAACGTATTACTGCCAGCAGGGTAACACCC
TGCCGTGGACGTTCCGTCAGGGCACCAAAGTTGAAATTAAACGT (SEQ ID No: 23)

Figure 12b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKGLEWVALINPYKG
VSTYNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDWYFDVW
GCGTLVTVSSGGGGSNAGVTQTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPG
MGLRLIHYSVAIQTTDQGEVPNGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNT
GELFFGEGSRLTVLEDLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSW
WVNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRVSATFWQDPRNHFRCQVQFYG
LSENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID No: 24)

Figure 13a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCCTGC
GTCTGTCTGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTC
GCCAGGCACCGGGTAAAGGCCTGGAATGGGTTCGCTCTGATTAACCCGTATAAAGG
CGTGTCTACCTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAAT
CTAAAAACACGGCATATCTGCAAATGAATAGTCTGCGTGCAGAAGATAACCGCTGT
GTATTACTGCGCTCGCTCTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTG
GGGTGCGGCACCCCTGGTGACCGTTAGTTCCGGCGGTGGCGGTAGCAACGCAGGT
GTTACCCAGACGCCGAAATTCCAAGTCCTGAAAACCGGCCAGTCTATGACGCTGCA
GTGTGCGCAAGATATGAACCATGAATACATGAGTTGGTACCGTCAGGACCCGGGT
ATGGGTCTGCGTCTGATTCATTTCTGTGGCGATCCAGACCACGGATCAAGGTGA
AGTTCCGAACGGCTACAATGTCTCGCGTAGCACACGGAAGACTTTCCGCTGCGTC
TGCTGTCCGCAGCTCCGTCCCAGACCTCAGTGTATTTCTGCGCCTCATCGTACGTTG
GTAACACCGGCCGAAGTGTTCCTGGTGAAGGCAGCCGTCTGACGGTCCTGGAAGAT
CTGAAAAATGTGTTTCCGCCGGAAGTCGCAGTGTTTCGAACCGTCGGAAGCTGAAAT

TAGCCATACCCAGAAAGCGACGCTGGTTTGCCTGGCCACCGGTTTTTATCCGGATC
ATGTGGAAGTGTCTGGTGGGTAAACGGTAAAGAAAGTGCCTCAGGCGTTTGTACG
GATCCGCAGCCGCTGAAAGAACAAACCGGCGCTGAATGACTCGCGCTATGCCCTGA
GCTCTCGTCTGCGCGTTAGCGCGACCTTCTGGCAGGATCCGCGTAACCACTTTCGC
TGTCAGGTCCAATTCTACGGTCTGTCCGAAAATGATGAATGGACCCAGGACCGTGC
GAAACCGGTCACGCAAATCGTGTACGCGGAAGCCTGGGGCCGCGCAGAT (SEQ ID
No: 25)

Figure 13b

DIQMTQSPSSLSASVGDRVITITCRASQDIRNYLNWYQQKPGKCPKLLIYYTSRLESGVP
SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPWTFGQGTKVEIKGGGGSNAGVT
QTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPGMGLRLIHYSVAIQTTDQGEVP
NGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNTGELFFGEGSRLTVLEDLKNVF
PPEVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWWVNGKEVHSGVCTDPQPLKE
QPALNDSRYALSSRLRVSAFWQDPRNHFRCQVQFYGLSENDEWTQDRAKPVTQIVS
AEAWGRAD (SEQ ID No: 26)

Figure 14a

GATATTCAGATGACGCAGTCTCCGAGCAGCCTGTCCGCCTCCGTGGGTGACCGTGT
TACCATTACCTGTCGTGCCAGCCAAGATATTCGTAACCTATCTGAATTGGTACCAGC
AAAAACCGGGTAAATGCCCAGAACTGCTGATTTATTACACCTCGCGCCTGGAAAG
CGGTGTGCCGTCTCGTTTTAGCGGTTCTGGCAGTGGTACCGATTATACCCTGACGA
TCTCATCGCTGCAGCCGGAAGACTTTGCGACGTATTACTGCCAGCAGGGTAACACC
CTGCCGTGGACGTTCCGGCCAGGGTACCAAAGTTGAAATCAAAGGTGGCGGTGGCA
GCAATGCCGGCGTTACCCAGACGCCGAAATTCCAAGTCCTGAAAACCGGCCAGTC
TATGACGCTGCAGTGTGCACAAGATATGAACCATGAATACATGAGTTGGTACCGCC
AAGACCCGGGCATGGGTCTGCGTCTGATTCACTATAGCGTGGCCATCCAGACCACG
GATCAAGGCGAAGTTCCGAACGGTTACAATGTCTCCCGCTCAACCACGGAAGACTT
TCCGCTGCGTCTGCTGAGCGCAGCACCGTCGCAGACCAGCGTGTATTTCTGCGCAA
GCTCTTACGTTGGCAACACCGGTGAACTGTTTTTCGGCGAAGGTTCTCGCCTGACG
GTCCTGGAAGATCTGAAAAATGTGTTTCCGCCGGAAGTCGCGGTGTTCGAACCGTC
GGAAGCCGAAATTAGCCATACCCAGAAAGCAACGCTGGTGTGCCTGGCTACCGGC
TTTTATCCGGATCATGTGGAAGTGTCTTGGTGGGTAAACGGCAAAGAAGTGCCTC
AGGTGTTTGTACGGATCCGCAGCCGCTGAAAGAACAAACCGGCACTGAATGACTCG
CGTTATGCTCTGAGTTCCCGTCTGCGCGTTAGCGCCACCTTCTGGCAGGATCCGCGT
AACCACCTTTCGCTGTCAGGTCCAATTCTACGGCCTGTCCGAAAATGATGAATGGAC
CCAGGACCGTGCAAAACCGGTCACGCAAATCGTGTACGAGAAGCCTGGGGCCGC
GCAGAT (SEQ ID No: 27)

Figure 14b

DIQMTQSPSSLSASVGDRVITITCRASQDIRNYLNWYQQKPGKAPKLLIYYTSRLESGVP
SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPWTFGCGTKVEIKGGGGSNAGVT
QTPKFQVLKTGQSM TLQCAQDMNHEYMSWYRQDPGMGLRLIHYSVAIQTTDQGEVP
NGYNVSRSTTEDFPLRLLSAAPSQTSVYFCASSYVGNTGELFFGEGSRLTVLEDLKNVF
PPEVAVFXPSEAEISHTQKATLVCLATGFYPDHVELSWWVNGKEVHSGVCTDPQPLKE
QPALNDSRYALSSRLRVSAFWQDPRNHFRCQVQFYGLSENDEWTQDRAKPVTQIVS
AEAWGRAD (SEQ ID No: 28)

Figure 15a

GATATTCAGATGACGCAGTCTCCGAGCAGCCTGTCCGCCTCCGTGGGTGACCGTGT

TACCATTACCTGTCGTGCCAGCCAAGATATTCGTAACCTATCTGAATTGGTACCAGC
 AAAAACCGGGTAAAGCCCCGAAACTGCTGATTTATTACACCTCGCGTCTGGAAAG
 CGGCGTGCCGTCTCGCTTTAGTGGCTCCGGTTCAGGCACCGATTATACCCTGACGA
 TCAGCTCTCTGCAGCCGGAAGA_cTTTGCAACGTATTACTGCCAGCAGGG_tAACACCC
 TGCCGTGGACGTTTCGGTTGCGGCACCAAAGTTGAAATCAAAGGTGGCGGTGGCAG
 CAATGCCGGCGTTACCCAGACGCCGAAATTCCAAGT_cCTGAAAACCGGCCAGTCTA
 TGACGCTGCAGTGTGCACAAGATATGAACCATGAATACATGAGTTGGTACCGCCA
 AGACCCGGGCATGGGTCTGCGTCTGATTCACTATAGCGTGGCCATCCAGACCACGG
 ATCAAGGCGAAGTTCCGAACGGTTACAATGTCTCCCGCTCAACCACGGAAGACTTT
 CCGCTGCGTCTGCTGAGCGCAGCACCGTCGCAGACCAGCGTGTATTTCTGCGCAAG
 CTCTTACGTTGGCAACACCGGTGAACTGTTTTTCGGCGAAGGTTCTCGCCTGACGG
 TCCTGGAAGATCTGAAAAATGTGTTTCCGCCGGAAGTCGCGGTGTTTCRAACCGTCG
 GAAGCCGAAATTAGCCATACCCAGAAAGCAACGCTGGTGTGCCTGGCTACCGGCT
 TTTATCCGGATCATGTGGAAGTGTCTGGTGGGTAAACGGCAAAGAAGTGCCTCA
 GGTGTTTGTACGGATCCGCAGCCGCTGAAAGAACAAACCGGCACTGAATGACTCGC
 GTTATGCTCTGAGTTCCCGTCTGCGCGTTAGCGCCACCTTCTGGCAGGATCCGCGT
 AACCCTTTTCGCTGTCAGGTCCAATTCTACGGCCTGTCCGAAAATGATGAATGGAC
 CCAGGACCGTGCAAAACCGGTCACGCAAATCGTGTGTCAGCAGAAGCCTGGGGCCGC
 GCAGAT (SEQ ID No: 29)

Figure 15b

SQQGEEDPQALSIQEGENATMNC SYKDRITNLQWYRQNSGRGLVHLILIRSNEREKHSGR
 RVTLDTSKKSSSLITASRAADTASYFCATDLEAEYKYIFGTGTRLKVLANIQNPDPAVYQL
 RDSKSSDKSVCLFTDFDSQTNVSQSKSDVYITDKTVLDMRSMDFKSNSAVAWSNKSDFA
 CANAFNNSIIPEDTFF_cSPRESS (SEQ ID No: 30)

Figure 16 a

AGTCAACAGGGAGAAGAGGATCCTCAGGCCTTGAGCATCCAGGAGGGTGAAAATGCC
 ACCATGAACTGCAGTTACAAAGATCGTATAACCAATTTACAGTGGTATAGACAAAATTC
 AGGTAGAGGCCTTGTCCACCTAATTTTAATACGTTCAAATGAAAGAGAGAAACACAGT
 GGAAGATTAAGAGTCACGCTTGACACTTCCAAGAAAAGCAGTTCCTTGTTGATCACGG
 CTTCCCGGGCAGCAGACACTGCTTCTTACTTCTGTGCTACGGACCTGGAAGCAGAATAC
 AAATACATCTTTGGAACAGGCACCAGGCTGAAGGTTTTAGCAAATATCCAGAACCCAG
 ACCCGCCGTGTATCAGCTGAGGGACTCCAAGAGCTCCGATAAGAGCGTGTGCCTGTT
 CACCGACTTTGATTCTCAGACAAACGTGAGCCAGTCTAAGGACAGCGACGTGTACATC
 ACCGACAAGACAGTGTGATATGCGCTCCATGGACTTCAAGAGCAACTCCGCCGTGG
 CCTGGTCTAATAAGAGCGATTTTCGCTGCGCCAACGCCTTTAACAATTCCATCATCCCTG
 AGGATACCTTCTTTTGTCTCCAGAAAGTTCCTAA (SEQ ID No: 31)

Figure 16 b

EVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTMNWVRQAPGKGLEWVALINPYKGVST
 YNQKFKDRFTISVDKSKNTAYLQMNSLRAEDTAVYYCARSGYYGDSWDYFDVWG_cGT
 VTVSS_gGGGSETGVTQSPTHLIKTRGQQVTLRCSSQSGHNTVSWYQQALGQGPQFIFQYY
 RQVANGRGNFPFRFSGLQFPNYSSELNVNALELDDSA_gLYLCASSK_gDAGPVFFGQGT_gRLTVV
 EDLKNVFPPEVAVFEPSE_cEISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVSTDPQ
 PLKEQPALNDSRYALSSRLRVSATFWQNPRNHFR_gCQVQFYGLSENDEWTQDRAKPV_gTQIV
 SAEAWGRAD (SEQ ID No: 32)

Figure 17 a

GAAGTTCAGCTGGTCGAAAGCGGTGGCGGTCTGGTCCAACCGGGCGGTTCCTGCGTC

TGTCGTGTGCGGCCTCTGGTTATAGTTTTACCGGCTACACGATGAATTGGGTTCGCCAG
GCACCGGGTAAAGGCCTGGAATGGGTCGCTCTGATTAACCCGTATAAAGGCGTGTCTAC
CTACAATCAGAAATTTAAAGATCGCTTCACCATCAGCGTGGACAAATCTAAAAACACGG
CATATCTGCAAATGAATAGTCTGCGTGCAGAAGATACCGCTGTGTATTACTGCGCTCGCT
CTGGTTATTACGGCGATAGTGACTGGTATTTTGACGTTTGGGGTTGCGGCACCCTGGTG
ACCGTTAGTTCCGGCGGTGGCGGTAGCGAAACTGGAGTAACCCAAAGTCCCACACACC
TGATCAAAACGAGAGGACAGCAAGTGACTCTGAGATGCTCTTCTCAGTCTGGGCACAA
CACTGTGTCCTGGTACCAACAGGCCCTGGGTCAGGGGCCCCAGTTTATCTTTCAGTATT
ATAGGCAGGTGGCGAATGGCAGAGGAACTTCCCTCCTAGATTCTCAGGTCTCCAGTTC
CCTAATTATAGCTCTGAGCTGAATGTGAACGCCTTGAGAGCTGGACGACTCGGCCCTGTA
TCTCTGTGCCAGCAGCAAGGACGCGGGTCCGGTTTTCTTTGGACAAGGCACCAGACTC
ACAGTTGTAGAGGACCTGAAGAACGTGTTCCCCCCTGAGGTGGCCGTGTTTGAGCCAA
GCGAGTGCGAGATCTCCACACCCAGAAGGCCACCCTGGTGTGCCTGGCCACAGGCTT
CTACCCCGATCACGTGGAGCTGAGCTGGTGGGTGAACGGCAAGGAGGTGCACAGCGG
CGTGTCCACCGACCCACAGCCCCTGAAGGAGCAGCCTGCCCTGAATGATTCTAGATAC
GCCCTGTCTAGCCGGCTGAGAGTGAGCGCCACCTTTTGGCAGAACCCACGGAATCACT
TCAGATGTCAGGTGCAGTTTTATGGCCTGAGCGAGAACGATGAGTGGACCCAGGACAG
GGCAAAGCCAGTGACACAGATCGTGTCCGCCGAGGCTTGGGGTCGTGCAGATTAA
(SEQ ID No: 33)

Figure 17 b

IQNPDPVYQLRDSKSSDKSVCLFTDFDSQTNVSQSKDSDVYITDKTVLDMRSMDFKS
NSAVAWSNKSDFACANAFNNSIIPEDTFFPSP (SEQ ID No: 34)

Figure 18

DLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFFPDHVELSWWVNGKEVHSGVSTD
PQPLKEQPALNDSRYCLSSRLRVSATFWQNPRNHFRCQVQFYGLSENDEWTQDRAKP
VTQIVSAEAWGRA (SEQ ID No: 35)

Figure 19

DLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWWVNGKEVHSGVST
DPQPLKEQPALNDSRYCLSSRLRVSATFWQNPRNHFRCQVQFYGLSENDEWTQDRAK
PVTQIVSAEAWGRA (SEQ ID No: 36)

Figure 20

SLLMWITQC (SEQ ID No: 37)

Figure 21

FMNKFIYEI (SEQ ID No: 38)

Figure 22

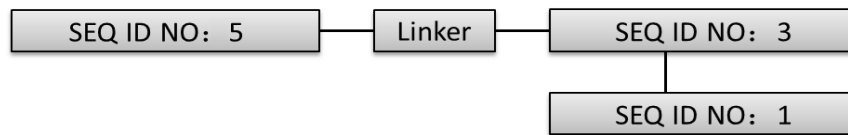


Figure 23

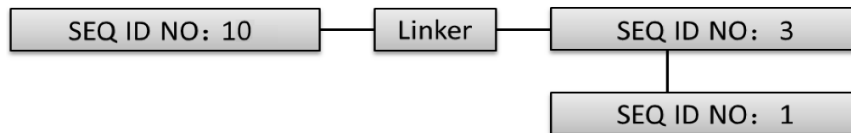


Figure 24

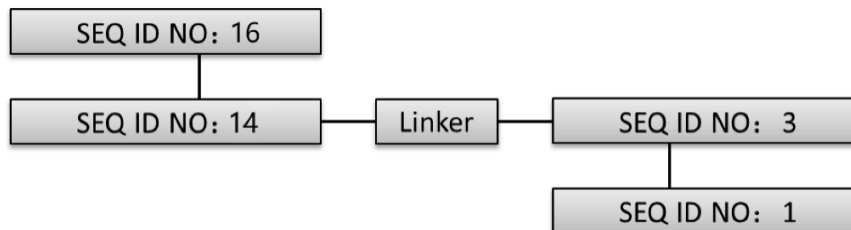


Figure 25

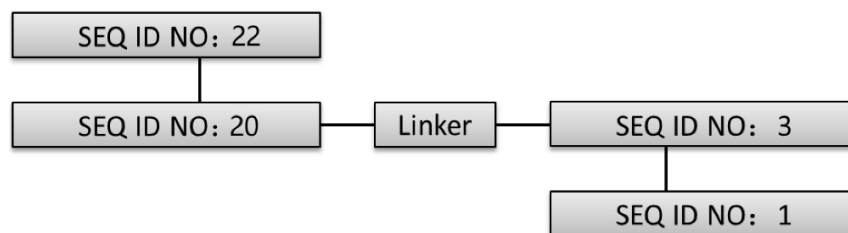


Figure 26

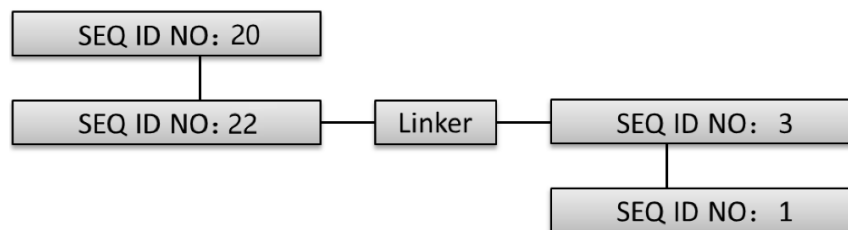


Figure 27

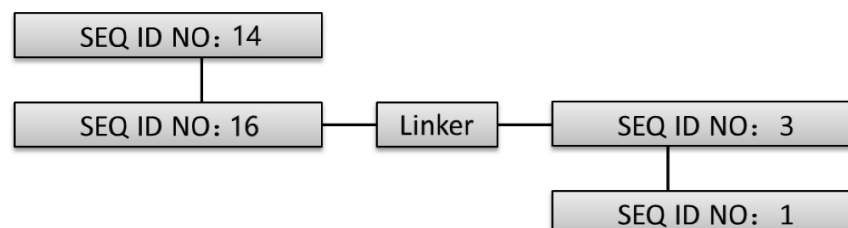


Figure 28

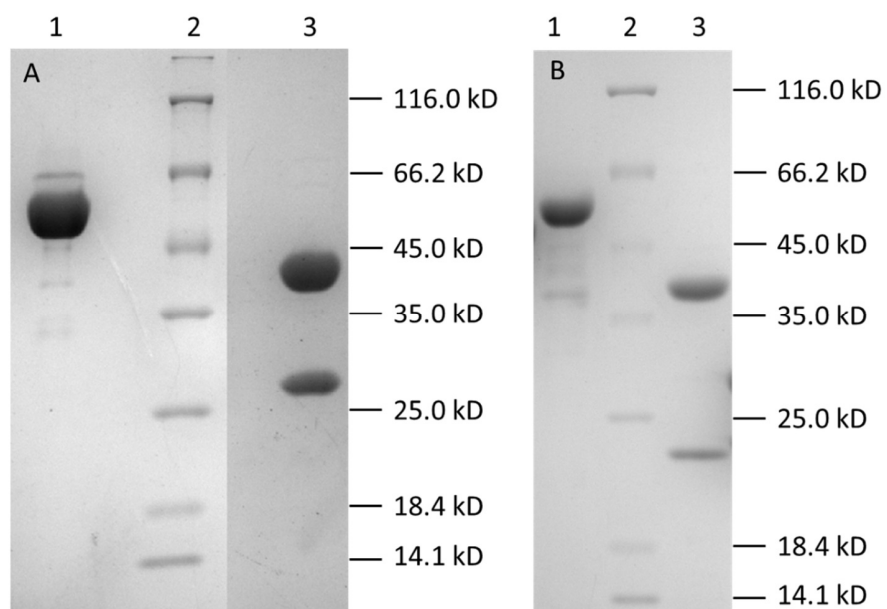


Figure 29

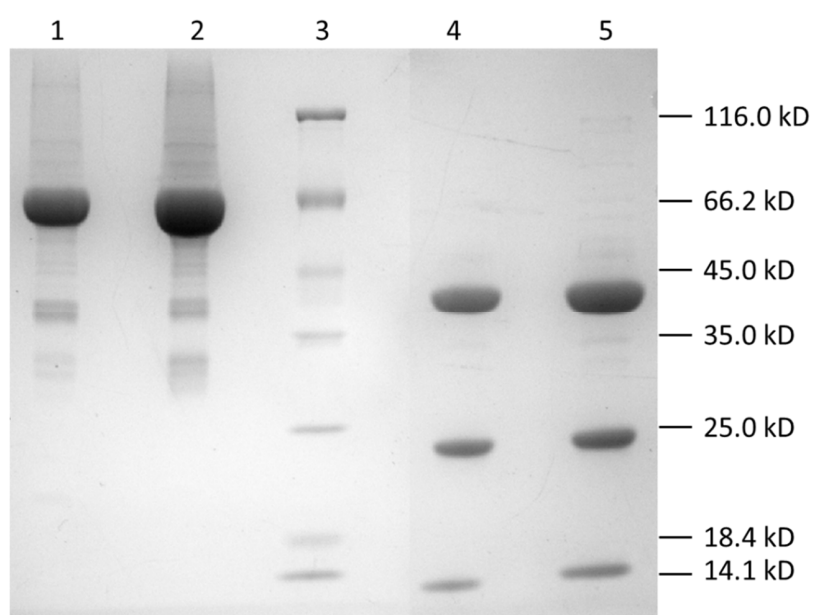


Figure 30

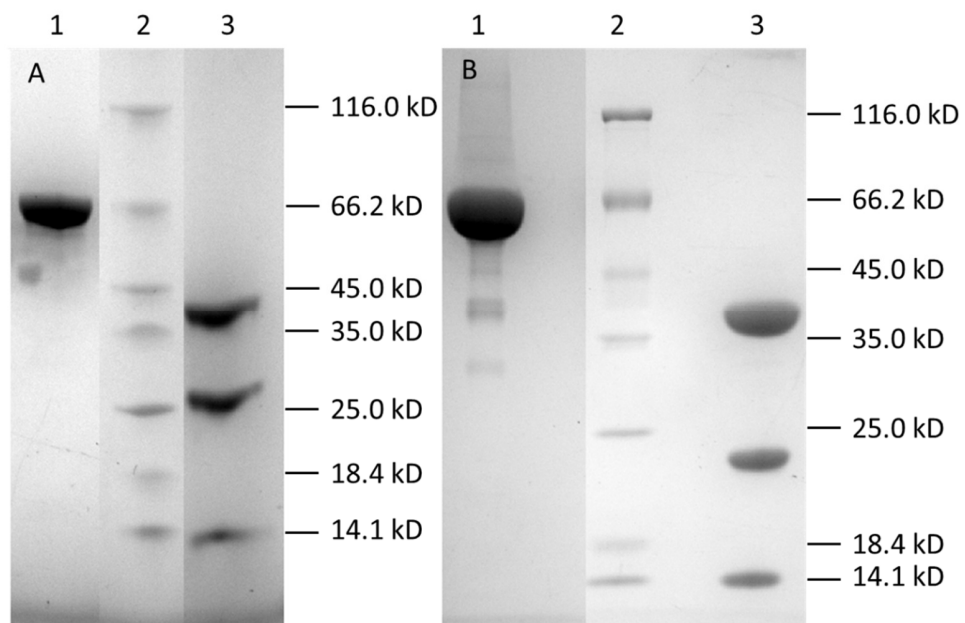


Figure 31

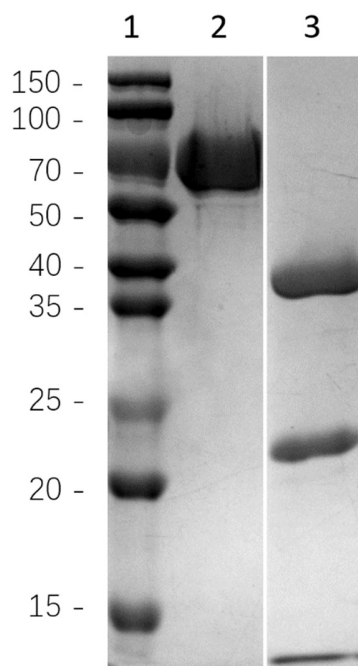


Figure 32

231 (A2⁺, NY-ESO-1⁻)

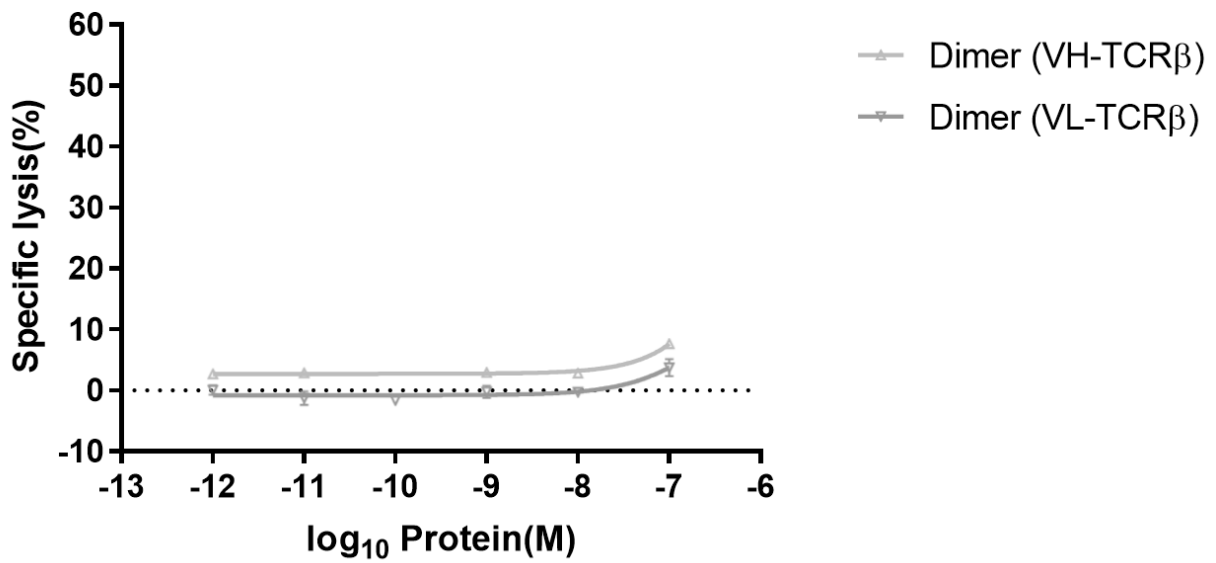


Figure 33a

231 (A2⁺, NY-ESO-1⁺)

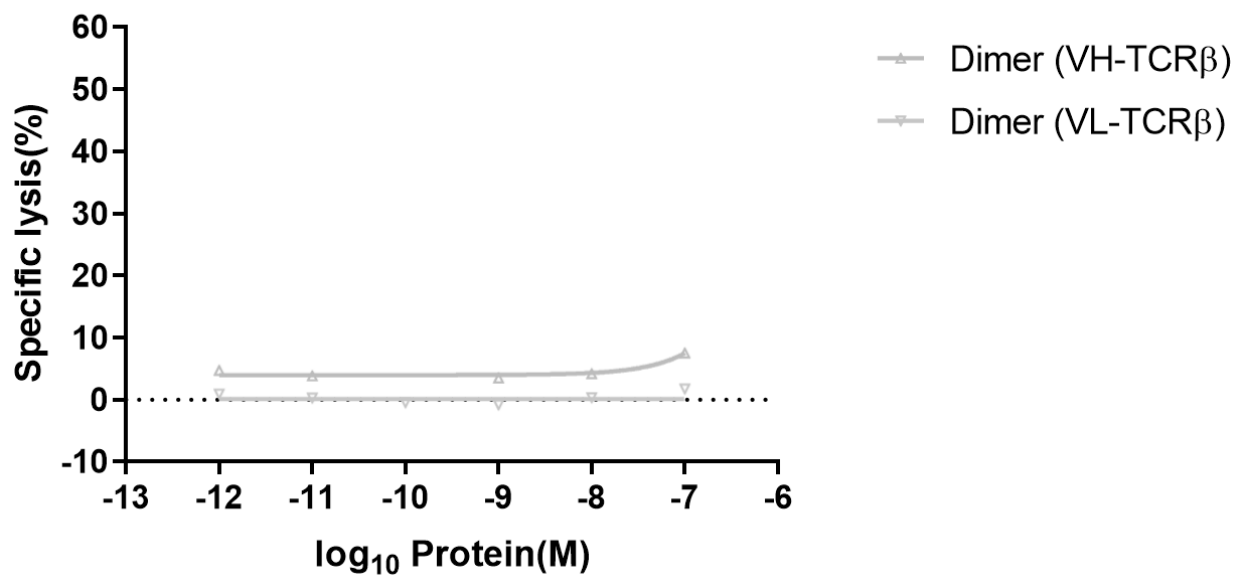


Figure 33b

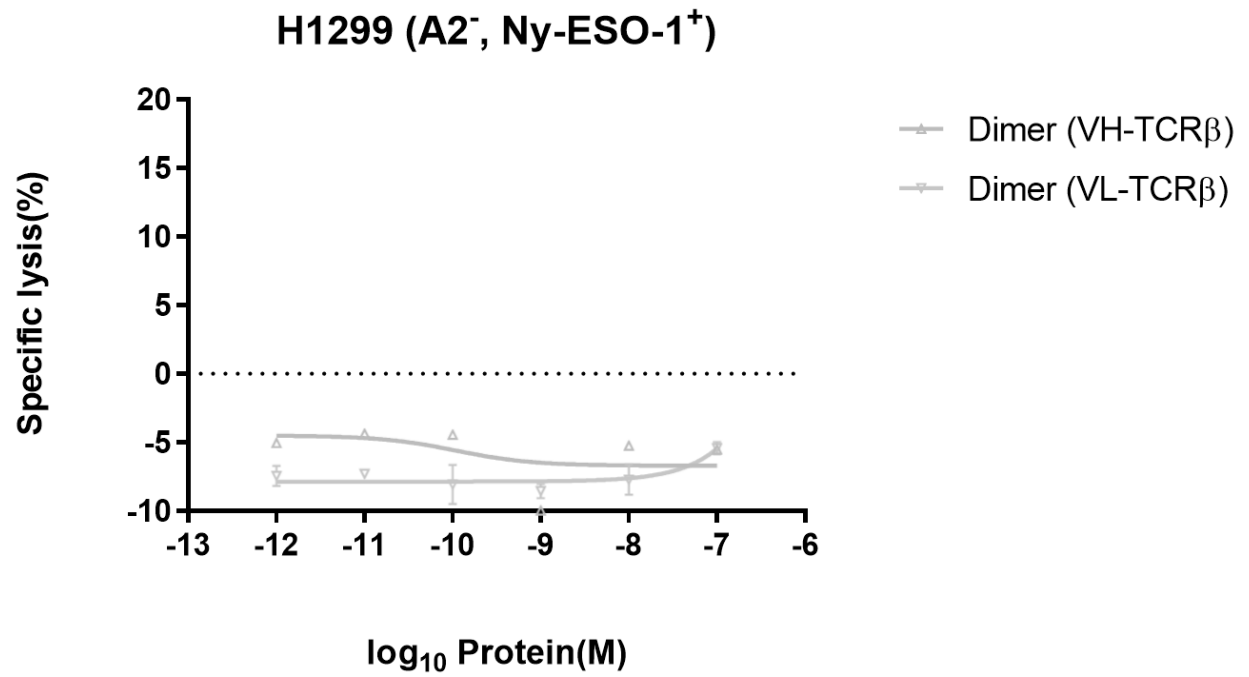


Figure 34a

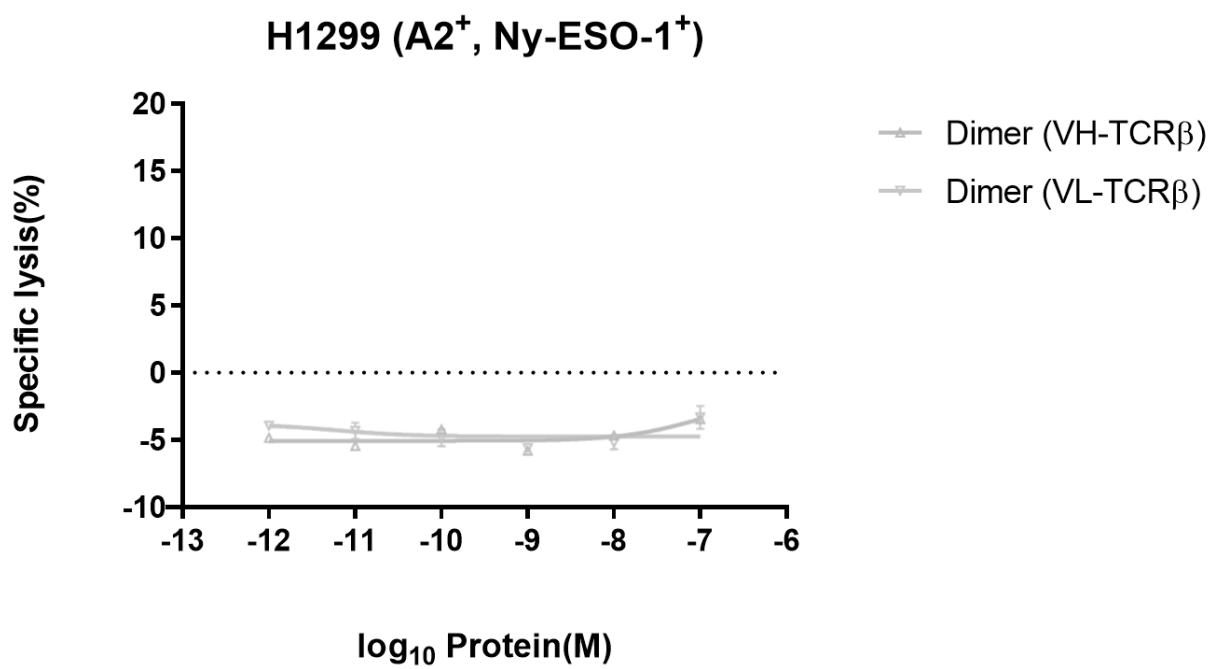


Figure 34b

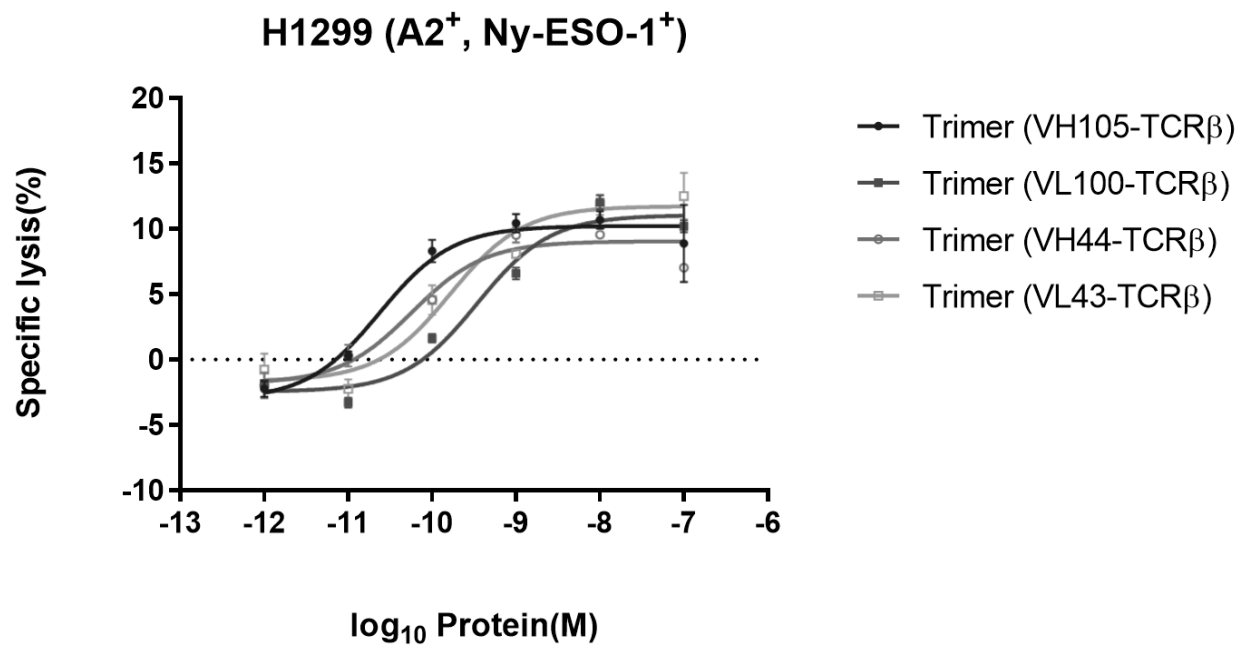


Figure 35a

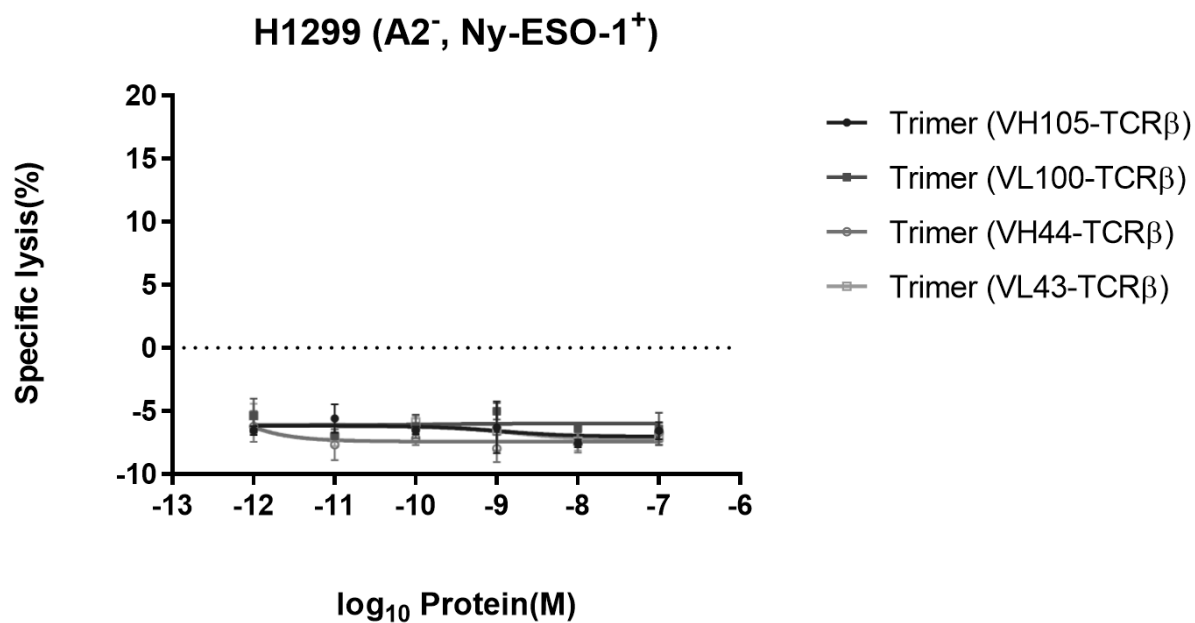


Figure 35b

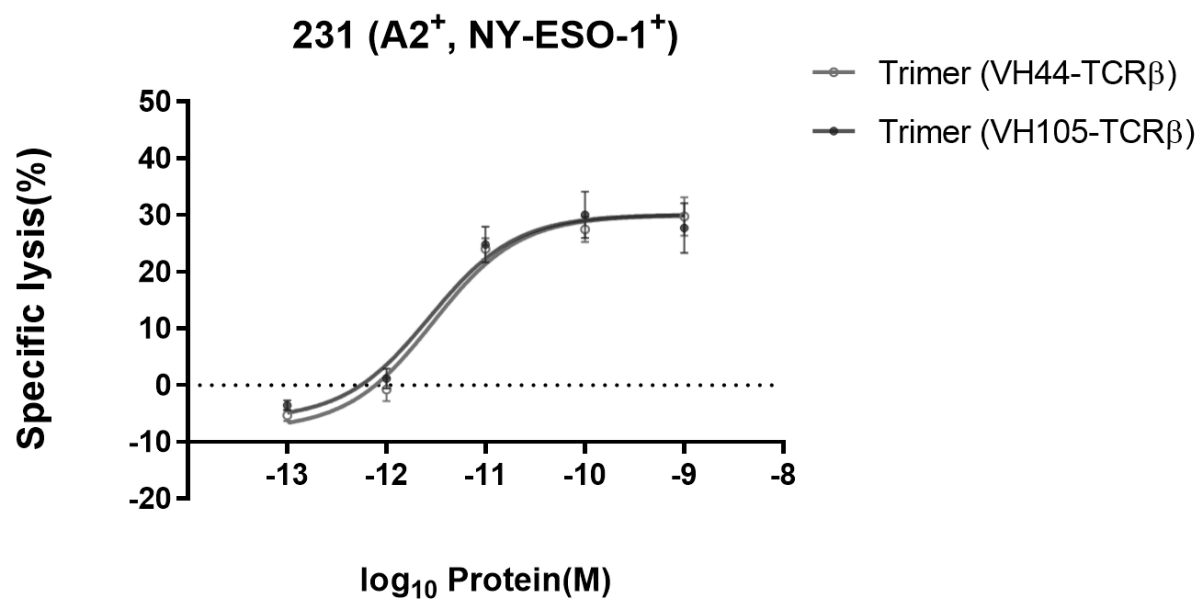


Figure 36a

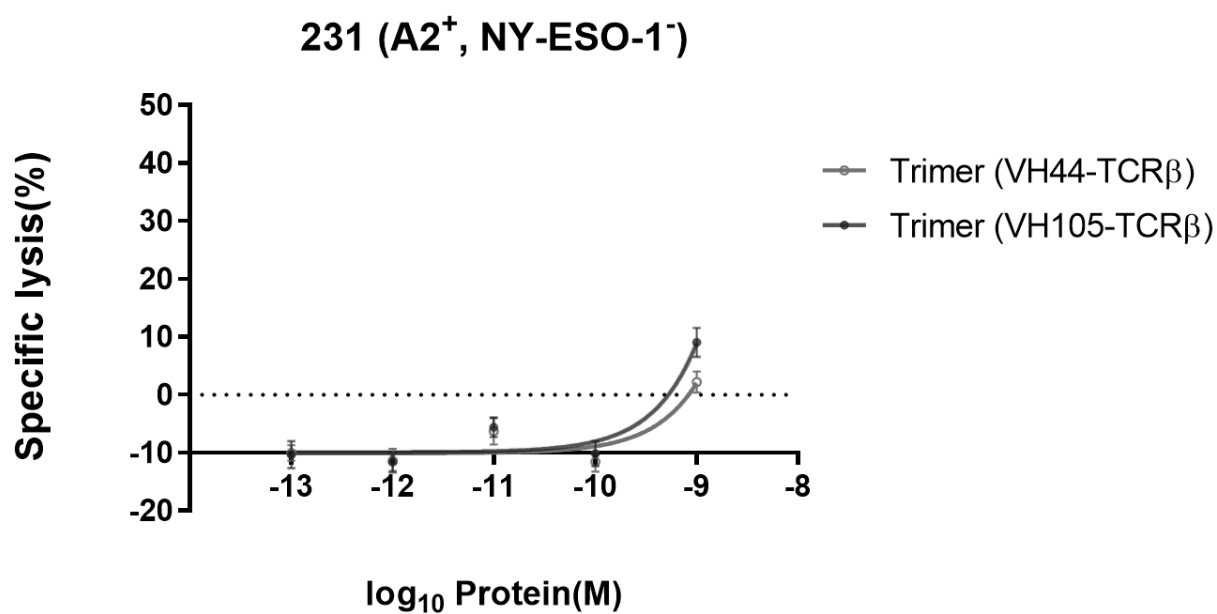


Figure 36 b

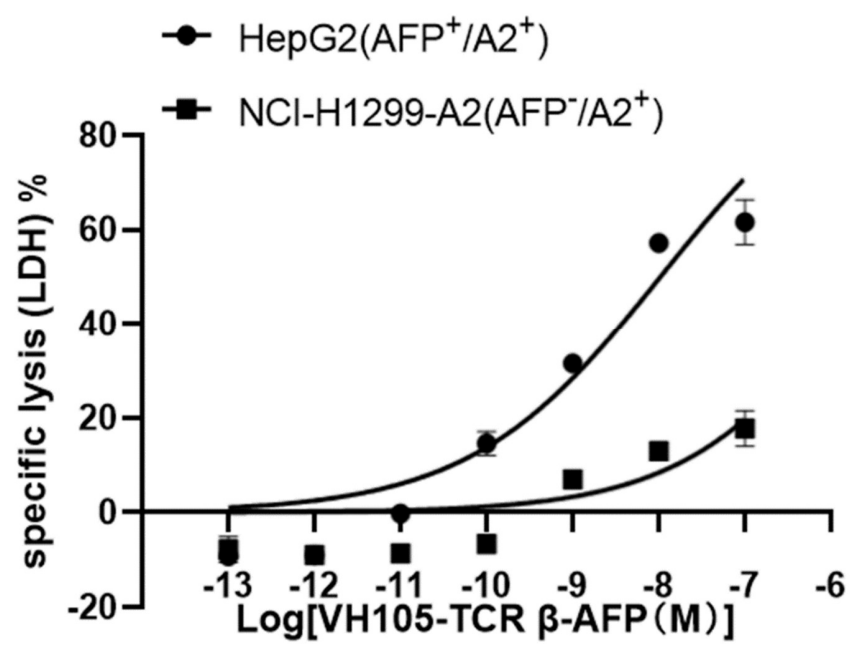


Figure 37