

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR
 LRVTLDTSKSSSLITASRAADTASYFCATDANGKIIFGKGTRLHILP
 (SEQ ID NO:1)

图 1a

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTM MRGLELLIYFN NNVPIDDSGM
 PEDRFS AKMPNASFSTLKIQPSEPRDSAVYFCASSLGSNEQYFGPGTRLTVT
 (SEQ ID NO:2)

图 1b

SQQGEEDPQALSIQEGENV TINCSYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL
 DTSKSSSLEITAVRPADTASYFCATDANGKIIFGKGTRLHILP (SEQ ID NO:3)

图 2a

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFN NNVPIDDSGMPEDRF
 SAKMPNASFSTLKIQPV EPRDSAVYFCASSLGSNEQYFGPGTRLTVT (SEQ ID NO:4)

图 2b

TCTCAACAAGGtGAAGAAGATCCGCAGGCCCTGAGTATTCAAGAAGGTGAAAATGTGACCATCAA
 CTGCTCTTACAAAACGAGTATCAACAATCTGCAGTGGTACCGTCAAAATTCTGGCCGCGGTCTGG
 TTCATCTGATTCTGATCCGTTCCAACGAACGCGAAAAACACTCAGGCCGTCTGCGCGTTACCGTG
 GATACCAGCAAAAAATCTTCTAGTCTGGAAATCACCGCAGTCCGTCCGGCAGATACGGCAAGCTA
 TTTTGTGCAACCGACGCTAATGGTAAAATTATCTTCGGCAAAGGTACCCGCCTGCATATTCTGC
 CG (SEQ ID NO:5)

图 3a

GATGCGGGTGTCACGCAGTCTCCGCGTCATGAAAGTGTGGAAATGGGCCAAGAAGTTACGCTGCG
 CTGCAAACCGATCAGCGGTACGACTACCTGTTTTGGTACCGTCAGACCCCGAAACGCGGCCTGG
 AACTGCTGATCTACTTCAACAATAACGTTCCGATTGATGACTCGGGTATGCCGGAAGATCGTTTT
 AGCGCGAAAATGCCGAATGCCTCGTTCAGCACGCTGAAAATTCAGCCGGTCGAACCGCGTGACTC
 CGCAGTGTATTTTTGTGCTTCCTCACTGGGCAGTAACGAACAGTACTTCGGCCCGGGTACCCGTC
 TGACCGTGACG (SEQ ID NO:6)

图 3b

GGGSEGGGSEGGGSEGGGSEGGTG (SEQ ID NO:7)

图 4a

GGCGGTGGCTCCGAAGGTGGCGGTT CAGAAAGCGGTGGCTCGGAAGGTGGCGGTAGCGAAGGCGG
 TACCGGT (SEQ ID NO:8)

图 4b

SQQGEEDPQALSIQEGENV TINCSYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL
 DTSKSSSLEITAVRPADTASYFCATDAFAWWIFGKGTRLHILP
 (SEQ ID NO:9)

图 5 (1)

SQQGEEDPQALSIQEGENV TINCSYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGR LRVTL

DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP
(SEQ ID NO:10)

图 5 (2)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP
(SEQ ID NO:11)

图 5 (3)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:12)

图 5 (4)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP
(SEQ ID NO:13)

图 5 (5)

SQQGEEDPQALSIQEGENVNTINCSYKGWVNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:14)

图 5 (6)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:15)

图 5 (7)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSK
KSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:16)

图 5 (8)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP
(SEQ ID NO:17)

图 5 (9)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCMYDENGKIIFGKGTRLHILP
(SEQ ID NO:18)

图 5 (10)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCMYDQNGKIIFGKGTRLHILP
(SEQ ID NO:19)

图 5 (11)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDAYGTVQFGKGTRLHILP
(SEQ ID NO:20)

图 5 (12)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGTVQFGKGRHLHP

(SEQ ID NO:21)

图 5 (13)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGSVQFGKGRHLHP

(SEQ ID NO:22)

图 5 (14)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDAYGRIFGKGRHLHP

(SEQ ID NO:23)

图 5 (15)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANQMWKFGKGRHLHP

(SEQ ID NO:24)

图 5 (16)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDAYGLPIFGKGRHLHP

(SEQ ID NO:25)

图 5 (17)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGLPVFGKGRHLHP

(SEQ ID NO:26)

图 5 (18)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGRWEFGKGRHLHP

(SEQ ID NO:27)

图 5 (19)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGTVGFGKGRHLHP

(SEQ ID NO:28)

图 5 (20)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGRWMFGKGRHLHP

(SEQ ID NO:29)

图 5 (21)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANGLWSFGKGRHLHP

(SEQ ID NO:30)

图 5 (22)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANARWDFFGKGRHLHP

(SEQ ID NO:31)

图 5 (23)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNLQWYRQNSGRGLVHLILIRTGQAEKHSGRRLRVTL

DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO:32)

图 5 (24)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDAFAWWIFGKGTRLHILP

(SEQ ID NO:33)

图 5 (25)

SQQGEEDPQALSIQEGENVNTINCSYKGWQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP

(SEQ ID NO:34)

图 5 (26)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDAWARWIFGKGTRLHILP

(SEQ ID NO:35)

图 5 (27)

SQQGEEDPQALSIQEGENVNTINCSYKGWQNLQWYRQNSGRGLVHLILIRTGQAEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO:36)

图 5 (28)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP

(SEQ ID NO:37)

图 5 (29)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNHGAVIDDSGMPEDRFS
AKMPNASFSTLKIQPVEPRDSAVYFCASSLGSNEQYFGPGTRLTVT

(SEQ ID NO:38)

图 6 (1)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNHGAVIDDSGMPEDRFS
AKMPNASFSTLKIQPVEPRDSAVYFCASQRGSNEQYFGPGTRLTVT

(SEQ ID NO:39)

图 6 (2)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNHGAVIDDSGMPEDRF
SAKMPNASFSTLKIQPVEPRDSAVYFCASQKGANEQYFGPGTRLTVT

(SEQ ID NO:40)

图 6 (3)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNHGAVIDDSGMPEDRFS
AKMPNASFSTLKIQPVEPRDSAVYFCASQLGSNEQYFGPGTRLTVT

(SEQ ID NO:41)

图 6 (4)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNHGAVIDDSGMPEDRFS
AKMPNASFSTLKIQPVEPRDSAVYFCASQLGANEQYFGPGTRLTVT

(SEQ ID NO:42)

图 6 (5)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQLGGNEQYFGPGTRLTVT

(SEQ ID NO:43)

图 6 (6)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQKGANEQYFGPGTRLTVT

(SEQ ID NO:44)

图 6 (7)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQLGPNEQYFGPGTRLTVT

(SEQ ID NO:45)

图 6 (8)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQRGANEQYFGPGTRLTVT

(SEQ ID NO:46)

图 6 (9)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQMGSNEQYFGPGTRLTVT

(SEQ ID NO:47)

图 6 (10)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQLGSNEQYFGPGTRLTVT

(SEQ ID NO:48)

图 6 (11)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQLGANEQYFGPGTRLTVT

(SEQ ID NO:49)

图 6 (12)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQMGSNEQYFGPGTRLTVT

(SEQ ID NO:50)

图 6 (13)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQRGSNEQYFGPGTRLTVT

(SEQ ID NO:51)

图 6 (14)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQMGANEQYFGPGTRLTVT

(SEQ ID NO:52)

图 6 (15)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASMLGSNEQYFGPGTRLTVT

(SEQ ID NO:53)

图 6 (16)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOQWYRQNSGRGLVHLILIRSNEREKHSGRRLVTL

DTSKKSSSLEITAVRPADTASYFCATDANGKIIIFGKGTRLHLIPGGGSEGGGSEGGGSEGGGSEGG
GTGDAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPE
DRFSAKMPNASFSTLKIQPVEPRDSAVYFCASSLGSNEQYFGPGTRLTVT (SEQ ID NO:54)

图 7a

TCTCAACAAGGtGAAGAAGATCCGCAGGCCCTGAGTATTCAAGAAGGTGAAAATGTGACCATCAA
CTGCTCTTACAAAACGAGTATCAACAATCTGCAGTGGTACCGTCAAAATTCTGGCCGCGGTCTGG
TTCATCTGATTCTGATCCGTTCCAACGAACGCGAAAAACACTCAGGCCGTCTGCGCGTTACCTG
GATACCAGCAAAAAATCTTCTAGTCTGGAAATCACCAGTCCGTCCGGCAGATACGGCAAGCTA
TTTTTGTGCAACCACGCTAATGGTAAATTATCTTCGGCAAAGGTACCCGCCTGCATATTCTGC
CGGGCGGTGGCTCCGAAGGTGGCGGTTCAGAAGCGGTGGCTCGGAAGGTGGCGGTAGCGAAGGC
GGTACCGGTGATGCGGGTGTACGCGAGTCTCCGCGTCATGAAAGTGTGGAAATGGGCAAGAAGT
TACGCTGCGCTGCAAACCGATCAGCGGTCACGACTACCTGTTTTGGTACCGTCAGACCCCGAAAC
GCGGCCTGGAAGTCTGATCTACTTCAACAATAACGTTCCGATTGATGACTCGGGTATGCCGGAA
GATCGTTTTAGCGCGAAAAATGCCGAATGCCTCGTTCAGCACGCTGAAAATTACGCCGGTCGAACC
GCGTGACTCCGCGAGTGTATTTTTGTGCTTCCTCACTGGGCAGTAACGAACAGTACTTCGGCCCCG
GTACCCGTCTGACCGTGACG (SEQ ID NO:55)

图 7b

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDANGKIIIFGKGTRLHLIPNIQNPDPVAVYQLRDSKSSDKS
VCLFTDFDSQTNVSQSKSDSVYITDKC VLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPEDT
FFPSPSS (SEQ ID NO:56)

图 8a

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTM MRGLELLIYFNNNVPIDDSGMPEDRF
SAKMPNASFSTLKIQPSEPRDSAVYFCASSLGSNEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSE
AEISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRVS
ATFWQDPRNHFRQVQFYGLSENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID NO:57)

图 8b

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDAFAWWIFGKGTRLHLIP
(SEQ ID NO:58)

图 9 (1)

SQQGEEDPQALSIQEGENATMNC SYK GWAQ NLQWYRQNSGRGLVHLILIR TGEQ EKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDANAR WN FGKGTRLHLIP
(SEQ ID NO:59)

图 9 (2)

SQQGEEDPQALSIQEGENATMNC SYK GSIQ NLQWYRQNSGRGLVHLILIR TGEQ EKHSGRRLRVTL
TSKKSSSLLITASRAADTASYFCATDANAR WE FGKGTRLHLIP
(SEQ ID NO:60)

图 9 (3)

SQQGEEDPQALSIQEGENATMNC SYK GSIQ NLQWYRQNSGRGLVHLILIR TGEQ EKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO: 61)

图 9 (4)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWNFGKGTRLHILP

(SEQ ID NO: 62)

图 9 (5)

SQQGEEDPQALSIQEGENATMNC SYKGWVQNLQWYRQNSGRGLVHLILIRTGEOEKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO: 63)

图 9 (6)

SQQGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO: 64)

图 9 (7)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO: 65)

图 9 (8)

SQQGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO: 66)

图 9 (9)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCMYDENGKIIIFGKGTRLHILP

(SEQ ID NO: 67)

图 9 (10)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCMYDQNGKIIIFGKGTRLHILP

(SEQ ID NO: 68)

图 9 (11)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAYGTVQFGKGTRLHILP

(SEQ ID NO: 69)

图 9 (12)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGTVQFGKGTRLHILP

(SEQ ID NO: 70)

图 9 (13)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGSVQFGKGTRLHILP

(SEQ ID NO: 71)

图 9 (14)

SQQGEEDPQALSIQEGENATMNC SYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAYGRYIFGKGTRLHILP

(SEQ ID NO:72)

图 9 (15)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANQMWKF~~G~~KGTRLHILP

(SEQ ID NO:73)

图 9 (16)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAYGLPIFGKGTRLHILP

(SEQ ID NO:74)

图 9 (17)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGLPVFGKGTRLHILP

(SEQ ID NO:75)

图 9 (18)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGRWEFGKGTRLHILP

(SEQ ID NO:76)

图 9 (19)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGTVGFGKGTRLHILP

(SEQ ID NO:77)

图 9 (20)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGRWMFGKGTRLHILP

(SEQ ID NO:78)

图 9 (21)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANGLWSFGKGTRLHILP

(SEQ ID NO:79)

图 9 (22)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:80)

图 9 (23)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRTGQAEKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO:81)

图 9 (24)

SQQGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAFAWWIFGKGTRLHILP

(SEQ ID NO:82)

图 9 (25)

SQQGEEDPQALSIQEGENATMNC SYKGWVQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL

DTSKKSSSLITASRAADTASYFCATDANARWNFGKGTRLHILP

(SEQ ID NO:83)

图 9 (26)

SQQGEEDPQALSIQEGENATMNC SYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRLRVTL

DTSKKSSSLITASRAADTASYFCATDAWARWIFGKGTRLHILP

(SEQ ID NO:84)

图 9 (27)

SQQGEEDPQALSIQEGENATMNC SYKGWVQNLQWYRQNSGRGLVHLILIRTGQAEKHSGRLRVTL

DTSKKSSSLITASRAADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO:85)

图 9 (28)

SQQGEEDPQALSIQEGENATMNC SYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRLRVTL

DTSKKSSSLITASRAADTASYFCATDANARWNFGKGTRLHILP

(SEQ ID NO:86)

图 9 (29)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNHGAVIDDSGMPEDRFS

AKMPNASFSTLKIQPSEPRDSAVYFCASSLGSNEQYFGPGTRLTVT

(SEQ ID NO:87)

图 10 (1)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNHGAVIDDSGMPEDRFS

AKMPNASFSTLKIQPSEPRDSAVYFCASQRGSNEQYFGPGTRLTVT

(SEQ ID NO:88)

图 10 (2)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNHGAVIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQKGANEQYFGPGTRLTVT

(SEQ ID NO:89)

图 10 (3)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNHGAVIDDSGMPEDRFS

AKMPNASFSTLKIQPSEPRDSAVYFCASQLGSNEQYFGPGTRLTVT

(SEQ ID NO:90)

图 10 (4)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNHGAVIDDSGMPEDRFS

AKMPNASFSTLKIQPSEPRDSAVYFCASQLGANEQYFGPGTRLTVT

(SEQ ID NO:91)

图 10 (5)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQLGGNEQYFGPGTRLTVT

(SEQ ID NO:92)

图 10 (6)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQKGANEQYFGPGTRLTVT

(SEQ ID NO:93)

图 10 (7)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQLGPNEQYFGPGTRLTVT

(SEQ ID NO:94)

图 10 (8)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQRGANEQYFGPGTRLTVT

(SEQ ID NO:95)

图 10 (9)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQMGSNEQYFGPGTRLTVT

(SEQ ID NO:96)

图 10 (10)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQLGSNEQYFGPGTRLTVT

(SEQ ID NO:97)

图 10 (11)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQLGANEQYFGPGTRLTVT

(SEQ ID NO:98)

图 10 (12)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQMGSNEQYFGPGTRLTVT

(SEQ ID NO:99)

图 10 (13)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQRGSNEQYFGPGTRLTVT

(SEQ ID NO:100)

图 10 (14)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASQMGANEQYFGPGTRLTVT

(SEQ ID NO:101)

图 10 (15)

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASMLGSNEQYFGPGTRLTVT

(SEQ ID NO:102)

图 10 (16)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLVTL

DTSKKSSLLITASRAADTASYFCATDANGKIIIFGKGTRLHILPNIQNPDPAVYQLRDSKSSDKS

VCLFTDFDSQTNVSQSKSDVYITDKTVLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPEDT

FFPSPSS

(SEQ ID NO:103)

图 11a

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASSLGSNEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSE
AEISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVSTDPQPLKEQPALNDSRYALSSRLRVS
ATFWQDPRNHFRQCQVFYGLSENDEWTQDRAKPVTTQIVSAEAWGRAD
(SEQ ID NO:104)

图 11b

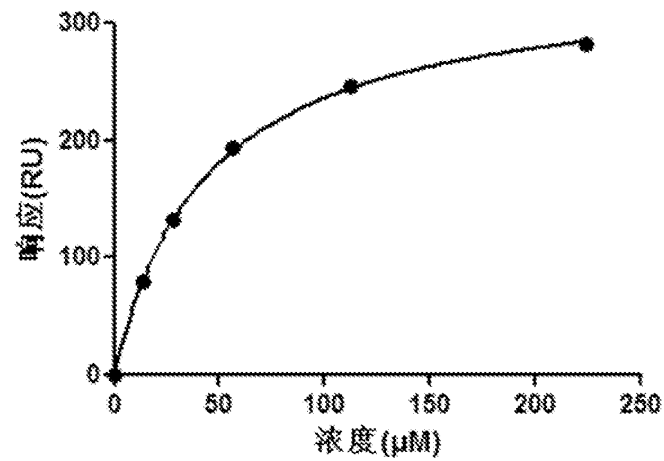


图 12

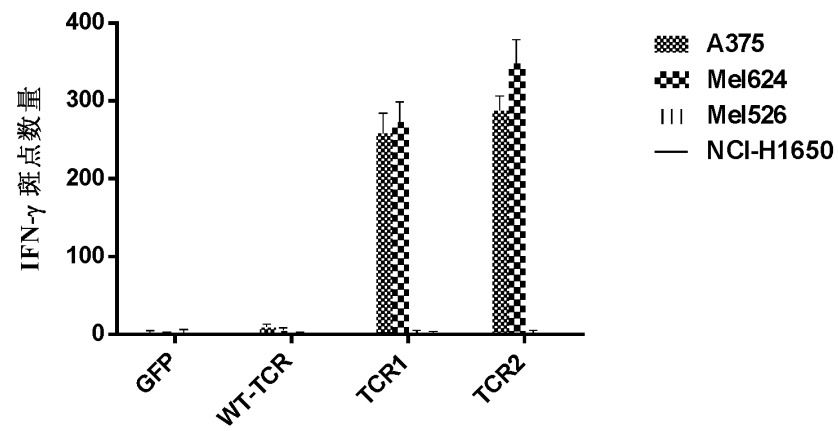


图 13

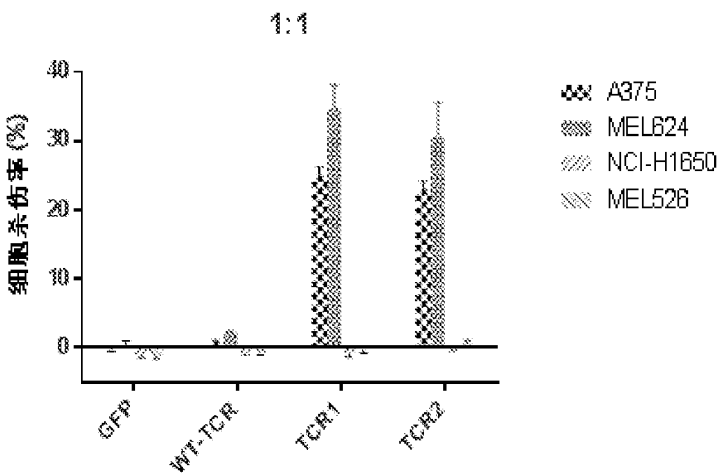


图 14

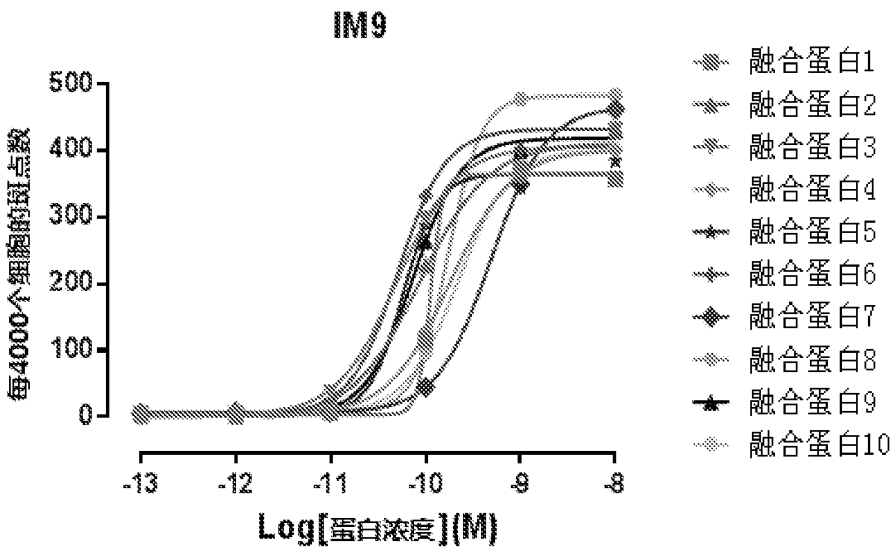


图 15a

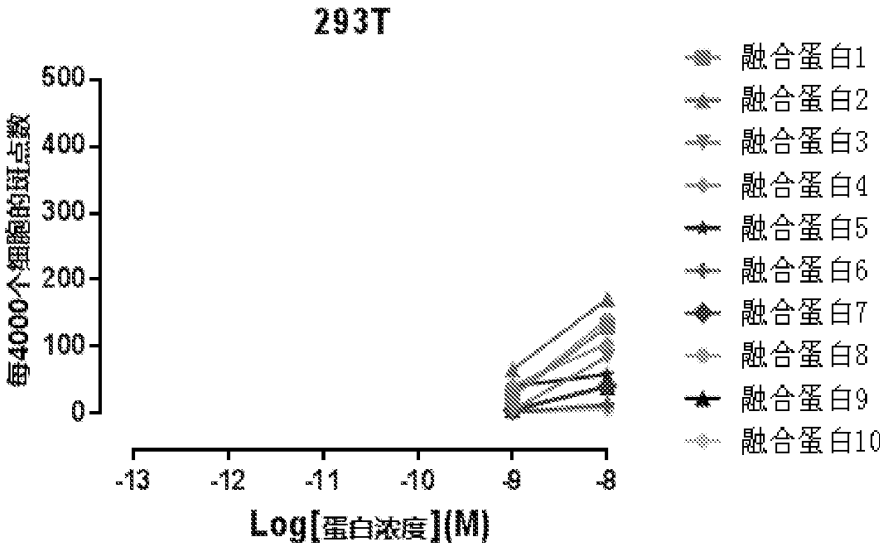


图 15b

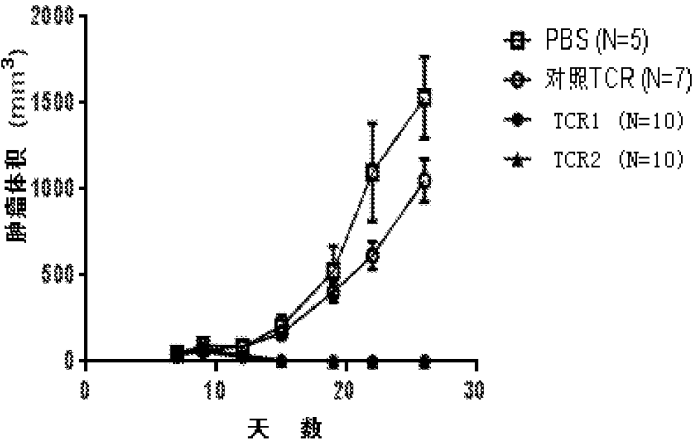


图 16