

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR
 LRVTLDTSKSSSLITASRAADTASYFCATDANGKIIFGKGTRLHILP
 (SEQ ID NO:1)

图 1a

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

图 1b

SQQGEEDPQALSIQEGENV TINC SYKTSINN 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
 CGCAGTGATTTTTGTGCTTCCTCACTGGGCAGTAACGAACAGTACTTCGGCCCGGTACCCGTC
 TGACCGTGACG (SEQ ID NO:6)

图 3b

GGGSEGGGSEGGGSEGGGSEGGTG (SEQ ID NO:7)

图 4a

GGCGGTGGCTCCGAAGGTGGCGGTTCAGAAAGCGGTGGCTCGGAAGGTGGCGGTAGCGAAGGCGG
 TACCGGT (SEQ ID NO:8)

图 4b

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL
 DTSKSSSLEITAVRPADTASYFCATDAFAWWIFGKGTRLHILP
 (SEQ ID NO:9)

图 5 (1)

SQQGEEDPQALSIQEGENV TINC SYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGR LRVTL

DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP
(SEQ ID NO:10)

图 5 (2)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP
(SEQ ID NO:11)

图 5 (3)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:12)

图 5 (4)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWNFGKGTRLHILP
(SEQ ID NO:13)

图 5 (5)

SQQGEEDPQALSIQEGENVNTINCSYKGWVQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:14)

图 5 (6)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:15)

图 5 (7)

SQQGEEDPQALSIQEGENVNTINCSYKGWAQNRQNSGRGLVHLILIRSNEREKHSGRLRVTLDTSK
KSSSLEITAVRPADTASYFCATDANARWDFGKGTRLHILP
(SEQ ID NO:16)

图 5 (8)

SQQGEEDPQALSIQEGENVNTINCSYKSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDANARWEFGKGTRLHILP
(SEQ ID NO:17)

图 5 (9)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCMYDENGKIIFGKGTRLHILP
(SEQ ID NO:18)

图 5 (10)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCMYDQNGKIIFGKGTRLHILP
(SEQ ID NO:19)

图 5 (11)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL
DTSKKSSSLEITAVRPADTASYFCATDAYGTVQFGKGTRLHILP
(SEQ ID NO:20)

图 5 (12)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLQWYRQNSGRGLVHLILIRSNEREKHSGRLRVTL

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

SAKMPNASFSTLKIQPVEPRDSAVYFCASQORGANEQYFGPGTRLTVT

(SEQ ID NO:46)

图 6 (9)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQMGSNEQYFGPGTRLTVT

(SEQ ID NO:47)

图 6 (10)

DAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPVEPRDSAVYFCASQLGSSNEQYFGPGTRLTVT

(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

SAKMPNASFSTLKIQPVEPRDSAVYFCASMLGSSNEQYFGPGTRLTVT

(SEQ ID NO:53)

图 6 (16)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOQWYRQNSGRGLVHLILIRSNEREKHSGRRLVTL

DTSKKSSSLEITAVRPADTASYFCATDANGKIIIFGKGTRLHLIPGGGSEGGGSEGGGSEGGGSEGG
GTGDAGVTQSPRHESVEMGQEVTLRCKPISGHDYLFWYRQTPKRGLELLIYFNNNVPIDDSGMPE
DRFSAKMPNASFSTLKIQPVEPRDSAVYFCASSLGSNEQYFGPGTRLTVT (SEQ ID NO:54)

图 7a

TCTCAACAAGGtGAAGAAGATCCGCAGGCCCTGAGTATTCAAGAAGGTGAAAATGTGACCATCAA
CTGCTCTTACAAAACGAGTATCAACAATCTGCAGTGGTACCGTCAAAATTCTGGCCGCGGTCTGG
TTCATCTGATTCTGATCCGTTCCAACGAACGCGAAAAACACTCAGGCCGTCTGCGCGTTACCTG
GATACCAGCAAAAAATCTTCTAGTCTGGAAATCACCAGTCCGTCCGGCAGATACGGCAAGCTA
TTTTTGTGCAACCAGCGCTAATGGTAAATTATCTTCGGCAAAGGTACCCGCCTGCATATTCTGC
CGGGCGGTGGCTCCGAAGGTGGCGGTTCAGAAGGCGGTGGCTCGGAAGGTGGCGGTAGCGAAGGC
GGTACCGGTGATGCGGGTGTACGCGAGTCTCCGCGTCATGAAAGTGTGGAAATGGGCAAGAAGT
TACGCTGCGCTGCAAACCGATCAGCGGTCACGACTACCTGTTTTGGTACCGTCAGACCCCGAAAC
GCGGCCTGGAACGCTGATCTACTTCAACAATAACGTTCCGATTGATGACTCGGGTATGCCGGAA
GATCGTTTTAGCGCGAAAAATGCCGAATGCCTCGTTCAGCACGCTGAAAATTACGCCGGTCGAACC
GCGTGACTCCGCGAGTGTATTTTTGTGCTTCCTCACTGGGCAGTAACGAACAGTACTTCGGCCCCG
GTACCCGTCTGACCGTGACG (SEQ ID NO:55)

图 7b

SQOGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDANGKIIIFGKGTRLHLIPNIQNPDPVAVYQLRDSKSSDKS
VCLFTDFDSQTNVSQSKSDVYITDKC VLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPEDT
FFPSPSS (SEQ ID NO:56)

图 8a

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

图 8b

SQOGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDAFAWWIFGKGTRLHLIP
(SEQ ID NO:58)

图 9 (1)

SQOGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
DTSKKSSSLLITASRAADTASYFCATDANARWNFGKGTRLHLIP
(SEQ ID NO:59)

图 9 (2)

SQOGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL
TSKKSSSLLITASRAADTASYFCATDANARWEFGKGTRLHLIP
(SEQ ID NO:60)

图 9 (3)

SQOGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRTGEQEKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:61)

图 9 (4)

SQQGEEDPQALSIQEGENATMNC SYK GWAQ NLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWNDFGKGTRLHILP

(SEQ ID NO:62)

图 9 (5)

SQQGEEDPQALSIQEGENATMNC SYK GWVQ NLQWYRQNSGRGLVHLILIR TGEQ EKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:63)

图 9 (6)

SQQGEEDPQALSIQEGENATMNC SYK GSIQ NLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

TSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:64)

图 9 (7)

SQQGEEDPQALSIQEGENATMNC SYK GWAQ NRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:65)

图 9 (8)

SQQGEEDPQALSIQEGENATMNC SYK GSIQ NLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:66)

图 9 (9)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFC MYDENG KIIFGKGTRLHILP

(SEQ ID NO:67)

图 9 (10)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFC MYDQNG KIIFGKGTRLHILP

(SEQ ID NO:68)

图 9 (11)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAY GTVQ FFGKGTRLHILP

(SEQ ID NO:69)

图 9 (12)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANG TVQ FFGKGTRLHILP

(SEQ ID NO:70)

图 9 (13)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDANG SVQ FFGKGTRLHILP

(SEQ ID NO:71)

图 9 (14)

SQQGEEDPQALSIQEGENATMNC SYK TSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL

DTSKKSSLLITASRAADTASYFCATDAYGRYIFGKGTRLHILP

(SEQ ID NO:72)

图 9 (15)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANQMWKFGKGTRLHILP

(SEQ ID NO:73)

图 9 (16)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDAYGLPIFGKGTRLHILP

(SEQ ID NO:74)

图 9 (17)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANGLPVFGKGTRLHILP

(SEQ ID NO:75)

图 9 (18)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANGRWEFGKGTRLHILP

(SEQ ID NO:76)

图 9 (19)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANGTVGFGKGTRLHILP

(SEQ ID NO:77)

图 9 (20)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANGRWMFGKGTRLHILP

(SEQ ID NO:78)

图 9 (21)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANGLWSFGKGTRLHILP

(SEQ ID NO:79)

图 9 (22)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRTGEQEKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANARWDFGKGTRLHILP

(SEQ ID NO:80)

图 9 (23)

SQQGEEDPQALSIQEGENATMNC SYKGWAQNLQWYRQNSGRGLVHLILIRTGQAEKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDANARWEFGKGTRLHILP

(SEQ ID NO:81)

图 9 (24)

SQQGEEDPQALSIQEGENATMNC SYKGSIQNLQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL

DTSKKSSLLITASRAADTASYFCATDAFAWWIFGKGTRLHILP

(SEQ ID NO:82)

图 9 (25)

SQQGEEDPQALSIQEGENATMNC SYKGWVQNLQWYRQNSGRGLVHLILIRTGEQEKHSGR LRVTL

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 LQWYRQNSGRGLVHLILIRSNEREKHSGR LRVTL
DTSKKSSLLITASRAADTASYFCATDANGKIIIFGKGTRLHILPNIQNPDPAVYQLRDSKSSDKS
VCLFTDFDSQTNVSQSKSDVYITDKTVLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPEDT
FFPSPSS
(SEQ ID NO:103)

图 11a

DAGVIQSPRHEVTEMGQEVTLRCKPISGHDYLFWYRQTMMRGLELLIYFNNNVPIDDSGMPEDRF

SAKMPNASFSTLKIQPSEPRDSAVYFCASSLGSNEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSE
AEISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVSTDPQPLKEQPALNDSRYALSSRLRVS
ATFWQDPRNHFRQCQVFYGLSENDEWTQDRAKPVTTQIVSAEAWGRAD
(SEQ ID NO:104)

图 11b

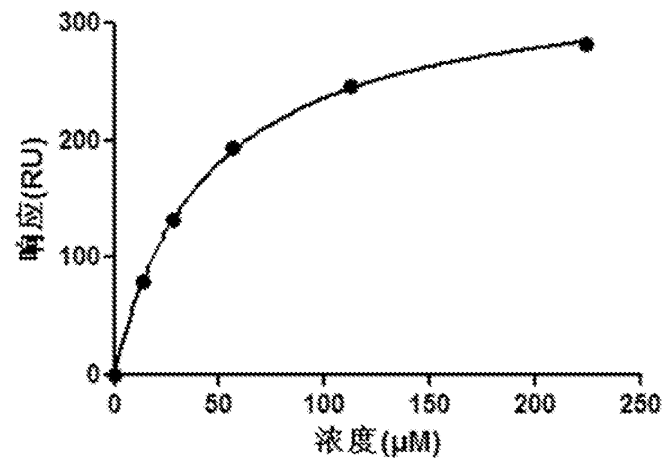


图 12

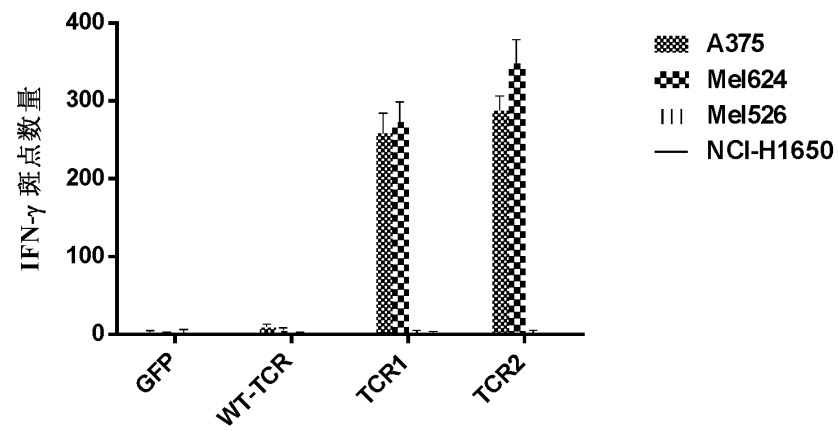


图 13

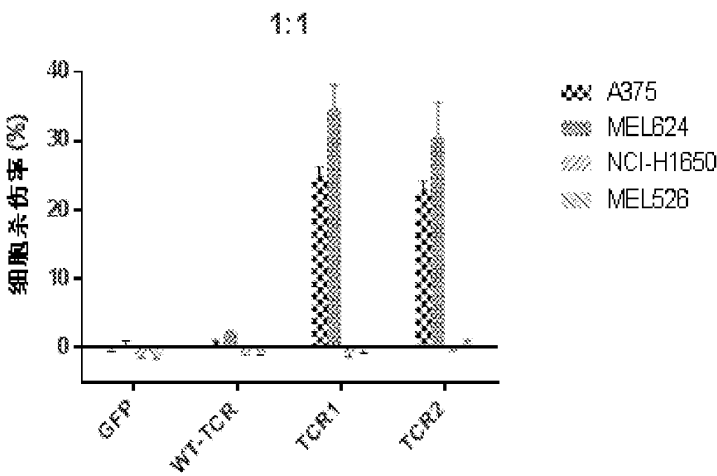


图 14

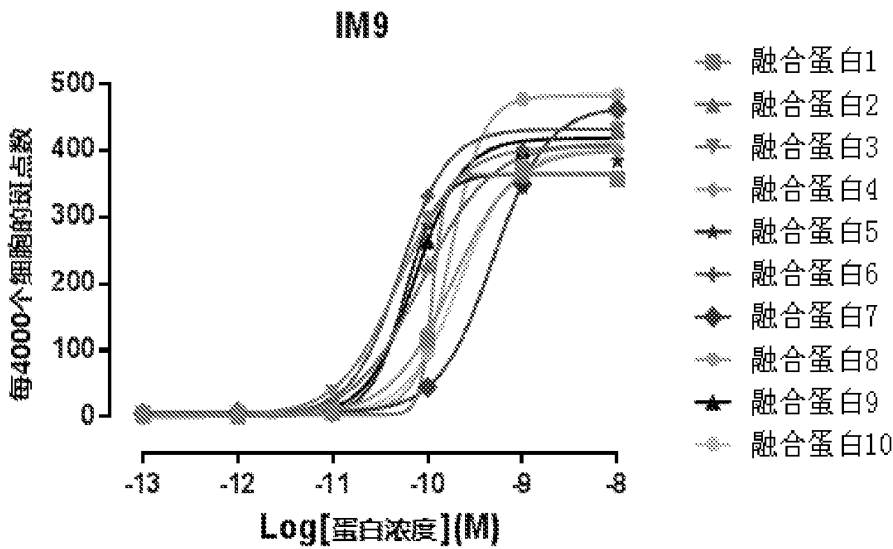


图 15a

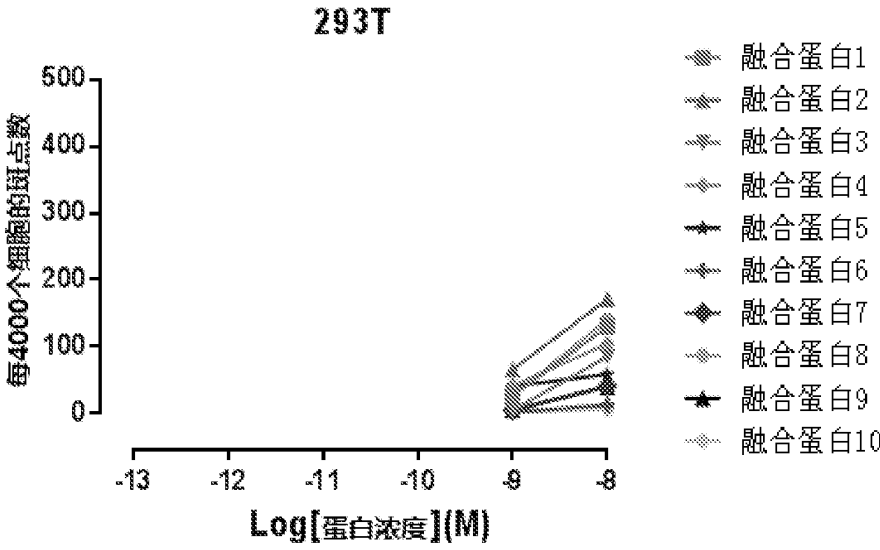


图 15b

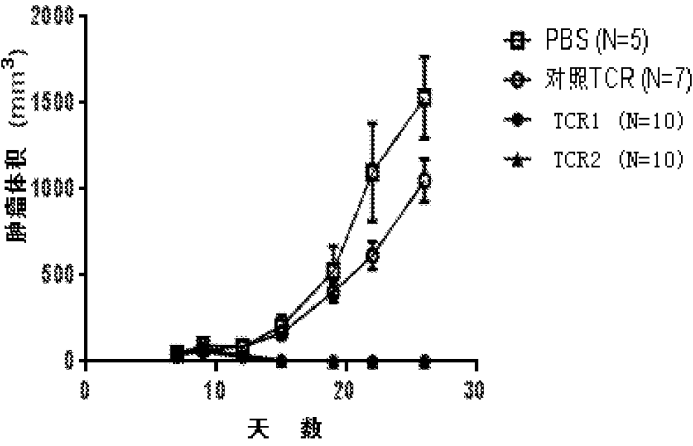


图 16