

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLLITASRAADTASYFCATDPRTGANSKLTFGKGITLSVRP (SEQ ID NO:1)

图 1a

DTGVSQDPRHKITKRGQNVTFRCDP ISEHNRLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFS AERPKGSFSTLEIQ RTEQGDSAMYL CASEGLAYEQYFGPGTRLTVT (SEQ ID NO:2)

图 1b

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTGANSKLTFGKGITLSVRP (SEQ ID NO:3)

图 2a

DTGVSQDPRHLSVKRGQNVTLRCDP ISEHNRLYWYRQTPGQGPEFLTYFQNEAQLEKSRLLSDRFS AERPKGSFSTLEIQ RVEPGDSAMYL CASEGLAYEQYFGPGTRLTVT (SEQ ID NO:4)

图 2b

tctCAaCAaGGTGAAGAAGATCCGCAGGCACCTGAGCATTAGGAAGGCGAAAATGTGACCATTAAAT TGTAGCTATAAGACCAGTATTAACAACCTGCAGTGGTATCGCCAGAATAGCGGTTCGCGGTCTGGTT CATCTGATTCTGATTCTGATGCAATGAACGTGAAAAACATAGCGGCCGTCTGCGTGTGACCCTGGAT ACCAGTAAAAAATCTAGCAGCCTGGAAATTACCGATGTGCGCCCGAGCGATACCGCAAGTTATTTT TGTGCAACCGATCCGCGCACCGGCGCAAATAGCAAACCTGACCTTTGGTAAAGGCATTACCCTGAGT GTTCGTCCG (SEQ ID NO:5)

图 3a

GATACCGGTGTTAGTCAGGATCCGCGCCATCTGAGCGTTAAACGTGGCCAGAATGTTACCCTGCGC TGTGATCCGATTAGTGAACATAATCGTCTGTATTGGTATCGTCAGACCCCGGGTCAGGGTCCGGAA TTTCTGACCTATTTTCAGAATGAAGCACAGCTGGAAAAAAGCCGTCTGCTGAGTGATCGTTTTAGC GCCGAACGTCCGAAAGGCAGTTTTAGTACCCTGGAAATTCAGCGCGTGGAAACCGGGTGACAGCGCA ATGTATCTGTGCGCCAGCGAAGGTCTGGCCTATGAACAGTATTTTGGCCCGGGTACCCGCCTGACC GTTACC (SEQ ID NO:6)

图 3b

GGGGSGGGGSGGGGSGGGGS (SEQ ID NO:7)

图 4a

GGCGGTGGTGGCAGCGCGGTGGTGGTT CAGGCGGTGGTGGAAAGCGGTGGTGGCGGTAGT (SEQ ID NO:8)

图 4b

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTASSAKLTFGKGITLSVRP (SEQ ID NO:9)

图 5 (1)

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTGSSNKLTFGKGITLSVRP (SEQ ID NO:10)

图 5 (2)

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPAMQANSKLTFGKGITLSVRP (SEQ ID NO:11)

图 5 (3)

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDP SRQNSKLTFGKGITLSVRP (SEQ ID NO:12)

图 5 (4)

SQQGEEDPQALSIQEGENV TINC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPVLSANSKLTFGKGITLSVRP (SEQ ID NO:13)

图 5 (5)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTSGSTKLTFGKGITLSVRP (SEQ ID NO:14)

图 5 (6)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPDRSPNSKLTFGKGITLSVRP (SEQ ID NO:15)

图 5 (7)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTASTPKLTFGKGITLSVRP (SEQ ID NO:16)

图 5 (8)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPEAQWNSKLTFGKGITLSVRP (SEQ ID NO:17)

图 5 (9)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTTESTTKLTFGKGITLSVRP (SEQ ID NO:18)

图 5 (10)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSLQSNNSKLTFGKGITLSVRP (SEQ ID NO:19)

图 5 (11)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPQNSWNSKLTFGKGITLSVRP (SEQ ID NO:20)

图 5 (12)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPASNWNSKLTFGKGITLSVRP (SEQ ID NO:21)

图 5 (13)

SQQGEEDPQALSIQEGENVNTINCSYKTDVSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPAAQWNSKLTFGKGITLSVRP (SEQ ID NO:22)

图 5 (14)

SQQGEEDPQALSIQEGENVNTINCSYKTPISSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPAAQWNSKLTFGKGITLSVRP (SEQ ID NO:23)

图 5 (15)

SQQGEEDPQALSIQEGENVNTINCSYKTPISSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPATSPNSKLTFGKGITLSVRP (SEQ ID NO:24)

图 5 (16)

SQQGEEDPQALSIQEGENVNTINCSYKTDIYKLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTASSPKLTFGKGITLSVRP (SEQ ID NO:25)

图 5 (17)

SQQGEEDPQALSIQEGENVNTINCSYKTAVDLSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSLSPNSKLTFGKGITLSVRP (SEQ ID NO:26)

图 5 (18)

SQQGEEDPQALSIQEGENVNTINCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSLSPNSKLTFGKGITLSVRP (SEQ ID NO:27)

图 5 (19)

SQQGEEDPQALSIQEGENVNTINCSYKTAVDLSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:28)

图 5 (20)

SQQGEEDPQALSIQEGENVNTINCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:29)

图 5 (21)

SQQGEEDPQALSIQEGENVNTINCSYKTDVSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:30)

图 5 (22)

SQQGEEDPQALSIQEGENVNTINCSYKTDVSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPTMSPNSKLTFGKGITLSVRP (SEQ ID NO:31)

图 5 (23)

SQQGEEDPQALSIQEGENVNTINCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPTMSPNSKLTFGKGITLSVRP (SEQ ID NO:32)

图 5 (24)

SQQGEEDPQALSIQEGENVNTINCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPATSPNSKLTFGKGITLSVRP (SEQ ID NO:33)

图 5 (25)

SQQGEEDPQALSIQEGENVNTINCSYKTPISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:34)

图 5 (26)

SQQGEEDPQALSIQEGENVNTINCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPTSSWNSKLTFGKGITLSVRP (SEQ ID NO:35)

图 5 (27)

DTGVSQDPRHLSVKRGQNVTLRCDPISEHNRLYWYRQTPGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:36)

图 6 (1)

DTGVSQDPRHLSVKRGQNVTLRCDPIAGHARLYWYRQTPGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:37)

图 6 (2)

DTGVSQDPRHLSVKRGQNVTLRCDPIQGHARLYWYRQTPGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:38)

图 6 (3)

DTGVSQDPRHLSVKRGQNVTLRCDPIGTWPRLYWYRQTPGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:39)

图 6 (4)

DTGVSQDPRHLSVKRGQNVTLRCDPIAGHARLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:40)

图 6 (5)

DTGVSQDPRHLSVKRGQNVTLRCDPIGTWPRLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:41)

图 6 (6)

DTGVSQDPRHLSVKRGQNVTLRCDPIGRWPRLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:42)

图 6 (7)

DTGVSQDPRHLSVKRGQNVTLRCDPIQGHARLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:43)

图 6 (8)

DTGVSQDPRHLSVKRGQNVTLRCDPIARHARLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:44)

图 6 (9)

DTGVSQDPRHLSVKRGQNVTLRCDPIGLWPRLYWYRQTPGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:45)

图 6 (10)

DTGVSQDPRHLSVKRGQNVTLRCDPIQGRARLYWYRQTPGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:46)

图 6 (11)

SQQGEEDPQALSIQEGENVNTINCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSRGLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPRTGANSKLTFGKGITLSVRPGGGGSGGGGSGGGGSGGGG
SDTGVSQDPRHLSVKRGQNVTLRCDPISEHNRLYWYRQTPGQGPEFLTYFQNEAQLEKSRLLSDRF
SAERPKGFSFSTLEIQRVEPGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:47)

图 7a

tctCAaCAaGGTGAAGAAGATCCGCAGGCATCGAGCATTCAGGAAGGCGAAAATGTGACCATTAAT
TG TAGCTATAAGACCAGTATTAACAACCTGCAGTGGTATCGCCAGAATAGCGGTGCGGGTCTGGTT
CATCTGATTCTGATTCTAGCAATGAACGTGAAAAACATAGCGGCCGTCTGCGTGTGACCCTGGAT
ACCAGTAAAAAATCTAGCAGCCTGGAAATTACCGATGTGCGCCGAGCGATAACGCAAGTTATTTT
TGTGCAACCGATCCGCGCACCGGCGCAAATAGCAAACACTGACCTTTGGTAAAGGCATTACCCCTGAGT
GTTCTGTCGGGGCGGTGGTGGCAGCGCGGTGGTGGTTCAGGCGGTGGTGGAAAGCGGTGGTGGCGGT
AGTGATACCGGTGTTAGTCAGGATCCGCACCATCTGAGCGTTAAACGTGGCCAGAATGTTACCCCTG
CGCTGTGATCCGATTAGTGAACATAATCGTCTGTATTGGTATCGTCAGACCCCGGTGAGGTCCTCG
GAATTTCTGACCTATTTTCAGAATGAAGCACAGCTGGAAAAAGCCGTCTGCTGAGTGATCGTTTT
AGCGCCGAACGTCCGAAAGGCAGTTTTAGTACCCTGGAAATTCAGCGCGTGGAAACCGGGTGACAGC
GCAATGTATCTGTGCGCCAGCGAAGGTCTGGCCTATGAACAGTATTTTGGCCCGGTACCCGCTG
ACCGTTACC (SEQ ID NO:48)

图 7b

MSQQGEEDPQALSIQEGENATMNCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSRGLRVTL
DTSKKSSSLLITASRAADTASYFCATDPRTGANSKLTFGKGITLSVRPDIQNPDPVAVYQLRDSKSS
DKSVCLFTDFDSQTNVSQSKDSVYITDKCVLDMRSMDFKSN SAVAWSNKSD FACANAFNNSSIPE
DTFFPSPESS (SEQ ID NO:49)

图 8a

MDTGVSQDPRHKITKRGQNVTFRCDP ISEHNRLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRF
SAERPKGFSFSTLEIQRTQGD SAMYL CASEGLAYEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSEA
EISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRV SAT
FWQDPRNHFRQVQFYGLSENDEWTQDRAKPV TQIVSAEAWGRAD (SEQ ID NO:50)

图 8b

SQQGEEDPQALSIQEGENATMNCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSRGLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPRTASSAKLTFGKGITLSVRP (SEQ ID NO:51)

图 9 (1)

SQQGEEDPQALSIQEGENATMNCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSRGLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPRTGSSNKLTFGKGITLSVRP (SEQ ID NO:52)

图 9 (2)

SQQGEEDPQALSIQEGENATMNCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSRGLRVTL
TSKKSSSLEITDVRPSDTASYFCATDPAMQANSKLTFGKGITLSVRP (SEQ ID NO:53)

图 9 (3)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSRQNSKLTFGKGITLSVRP (SEQ ID NO:54)

图 9 (4)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPVLSANSKLTFGKGITLSVRP (SEQ ID NO:55)

图 9 (5)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTSGSKLTFGKGITLSVRP (SEQ ID NO:56)

图 9 (6)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRSPNSKLTFGKGITLSVRP (SEQ ID NO:57)

图 9 (7)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTASTPKLTFGKGITLSVRP (SEQ ID NO:58)

图 9 (8)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPPEAQWNSKLTFGKGITLSVRP (SEQ ID NO:59)

图 9 (9)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTESTTKLTFGKGITLSVRP (SEQ ID NO:60)

图 9 (10)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSLQNSKLTFGKGITLSVRP (SEQ ID NO:61)

图 9 (11)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPQNSWNSKLTFGKGITLSVRP (SEQ ID NO:62)

图 9 (12)

SQQGEEDPQALSIQEGENATMNCSYKTSINNLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPASNWNSKLTFGKGITLSVRP (SEQ ID NO:63)

图 9 (13)

SQQGEEDPQALSIQEGENATMNCSYKTDVSSLOWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPAAQWNSKLTFGKGITLSVRP (SEQ ID NO:64)

图 9 (14)

SQQGEEDPQALSIQEGENATMNCSYKTPISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPAAQWNSKLTFGKGITLSVRP (SEQ ID NO:65)

图 9 (15)

SQQGEEDPQALSIQEGENATMNCSYKTPISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPATSPNSKLTFGKGITLSVRP (SEQ ID NO:66)

图 9 (16)

SQQGEEDPQALSIQEGENATMNCSYKTDIYKLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPRTASSPKLTFGKGITLSVRP (SEQ ID NO:67)

图 9 (17)

SQQGEEDPQALSIQEGENATMNCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLEITDVRPSDTASYFCATDPSLSPNSKLTFGKGITLSVRP (SEQ ID NO:68)

图 9 (18)

SQQGEEDPQALSIQEGENATMNCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPSLSPNSKLTFGKGITLSVRP (SEQ ID NO:69)

图 9 (19)

SQQGEEDPQALSIQEGENATMNCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:70)

图 9 (20)

SQQGEEDPQALSIQEGENATMNCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:71)

图 9 (21)

SQQGEEDPQALSIQEGENATMNCSYKTDVSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:72)

图 9 (22)

SQQGEEDPQALSIQEGENATMNCSYKTDVSSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPTMSPNSKLTFGKGITLSVRP (SEQ ID NO:73)

图 9 (23)

SQQGEEDPQALSIQEGENATMNCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPTMSPNSKLTFGKGITLSVRP (SEQ ID NO:74)

图 9 (24)

SQQGEEDPQALSIQEGENATMNCSYKTEISSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPATSPNSKLTFGKGITLSVRP (SEQ ID NO:75)

图 9 (25)

SQQGEEDPQALSIQEGENATMNCSYKTPISLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPSMSPNSKLTFGKGITLSVRP (SEQ ID NO:76)

图 9 (26)

SQQGEEDPQALSIQEGENATMNCSYKTAVDSLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLEITDVRPSDTASYFCATDPTSSWNSKLTFGKGITLSVRP (SEQ ID NO:77)

图 9 (27)

SQQGEEDPQALSIQEGENATMNCSYKTSINNQLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLLITASRAADTASYFCATDPHWSNSKLTFGKGITLSVRP (SEQ ID NO:91)

图 9 (28)

SQQGEEDPQALSIQEGENATMNCSYKTDIASLQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLT
TSKKSSSLLITASRAADTASYFCATDPHWSNSKLTFGKGITLSVRP (SEQ ID NO:92)

图 9 (29)

DTGVSQDPRHKITKRGQNVTFRCDP ISEHNRLYWYRQTLGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:78)

图 10 (1)

DTGVSQDPRHKITKRGQNVTFRCDP IAGHARLYWYRQTLGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:79)

图 10 (2)

DTGVSQDPRHKITKRGQNVTFRCDP IQGHARLYWYRQTLGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:80)

图 10 (3)

DTGVSQDPRHKITKRGQNVTFRCDP IGTWPRLYWYRQTLGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:81)

图 10 (4)

DTGVSQDPRHKITKRGQNVTFRCDPIAGHARLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:82)

图 10 (5)

DTGVSQDPRHKITKRGQNVTFRCDPIGTWPRLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:83)

图 10 (6)

DTGVSQDPRHKITKRGQNVTFRCDPIGRWPRLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:84)

图 10 (7)

DTGVSQDPRHKITKRGQNVTFRCDPIQGHARLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:85)

图 10 (8)

DTGVSQDPRHKITKRGQNVTFRCDPIARHARLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:86)

图 10 (9)

DTGVSQDPRHKITKRGQNVTFRCDPIGLWPRLYWYRQTLGQGPEFLTYFQGDLELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:87)

图 10 (10)

DTGVSQDPRHKITKRGQNVTFRCDPIQGRARLYWYRQTLGQGPEFLTYFQGDMELEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:88)

图 10 (11)

DTGVSQDPRHKITKRGQNVTFRCDPIVDNARLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:93)

图 10 (12)

DTGVSQDPRHKITKRGQNVTFRCDPILGHARLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:94)

图 10 (13)

DTGVSQDPRHKITKRGQNVTFRCDPIGWWPRLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:95)

图 10 (14)

DTGVSQDPRHKITKRGQNVTFRCDPISEHNRLYWYRQTLGQGPEFLTYFQGELOLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:96)

图 10 (15)

DTGVSQDPRHKITKRGQNVTFRCDPISEHNRLYWYRQTLGQGPEFLTYFQGDMQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:97)

图 10 (16)

DTGVSQDPRHKITKRGQNVTFRCDPISEHNRLYWYRQTLGQGPEFLTYFQGDLQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:98)

图 10 (17)

DTGVSQDPRHKITKRGQNVTFRCDPISEHNRLYWYRQTLGQGPEFLTYFH~~Y~~TAQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:99)

图 10 (18)

DTGVSQDPRHKITKRGQNVTFRCDPISEHNRLYWYRQTLGQGPEFLTYF~~A~~WEAQLEKSRLLSDRFS
AERPKGFSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:100)

图 10 (19)

DTGVSQDPRHKITKRGQNVTFRCDPIGWWPRLYWYRQTLGQGPEFLTYFQGELQLEKSRLLSDRFS
AERPKGSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVT (SEQ ID NO:101)

图 10 (20)

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLTLD
TSKKSSSLLITASRAADTASYFCATDPRTGANSKLTFGKGITLSVRPDIQNPDPAVYQLRDSKSSD
KSVCLFTDFDSQTNVSQSKSDSVYITDKTVLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPED
TFFPSPESSCDVKLVEKSFETDTNLFQNL SVIGFRILLKLVAGFNLLMTLRLWSS
(SEQ ID NO:89)

图 11a

DTGVSQDPRHKITKRGQNVTFRCDP ISEHNRLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFS
AERPKGSFSTLEIQRTEQGDSAMYLCASEGLAYEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSEAE
ISHTQKATLVCLATGFYPDHVELSWWVNGKEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSATF
WQNPRNHFRQVQFYGLSENDEWTQDRAKPVQTQIVSAEAWGRADCGFTSESYQQGVLSATILYEIL
LGKATLYAVLVSAVLMMAMVKRKDSRG (SEQ ID NO:90)

图 11b

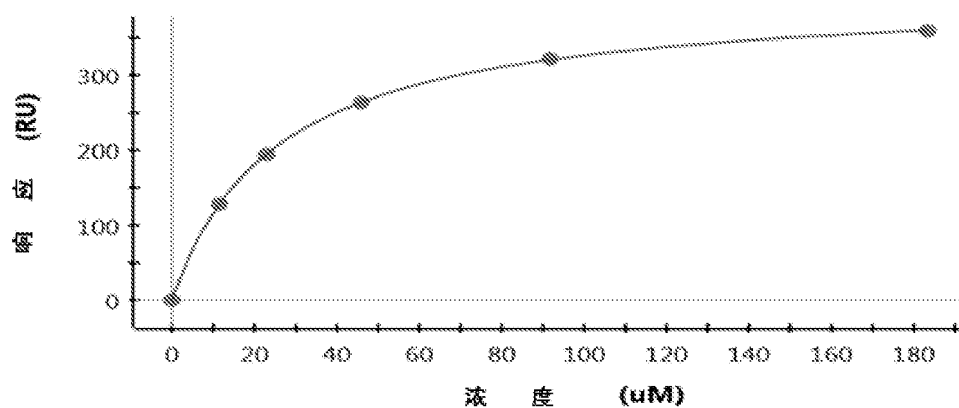


图 12

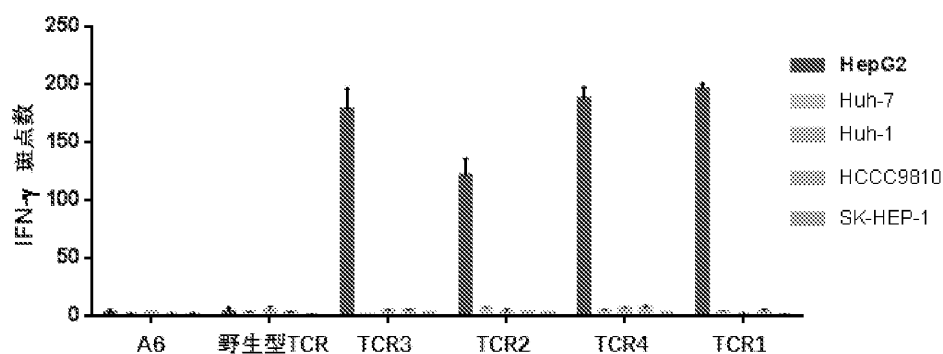


图 13a

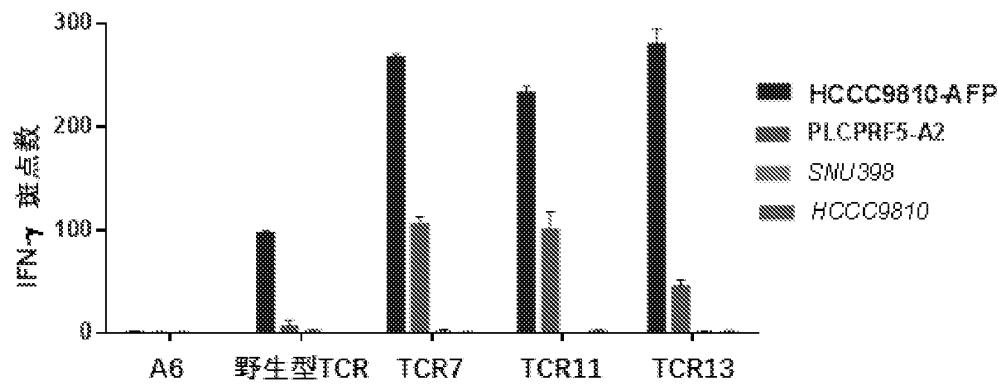


图 13b

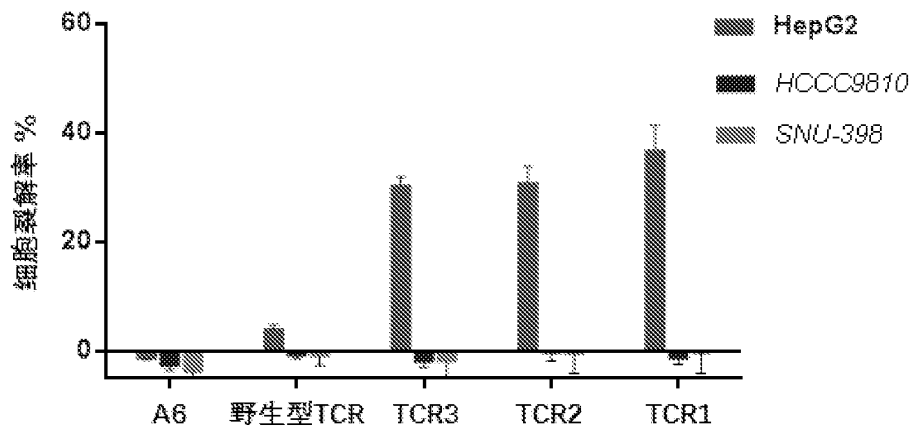


图 14a

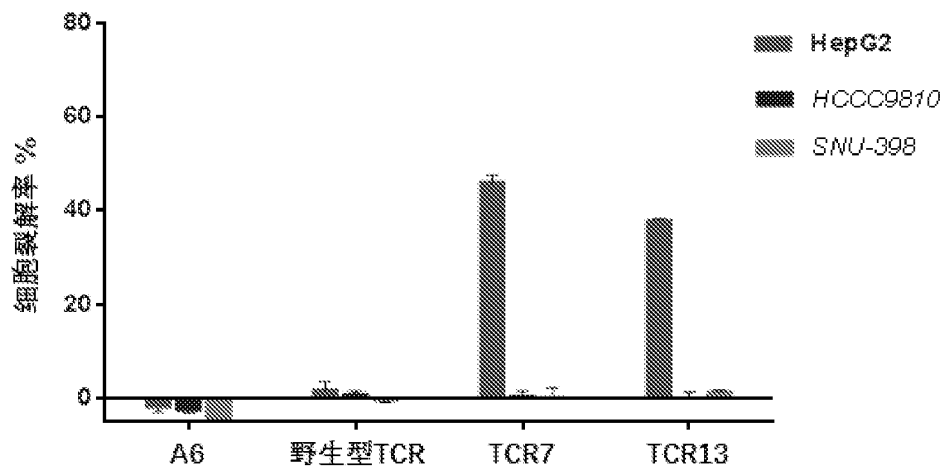


图 14b

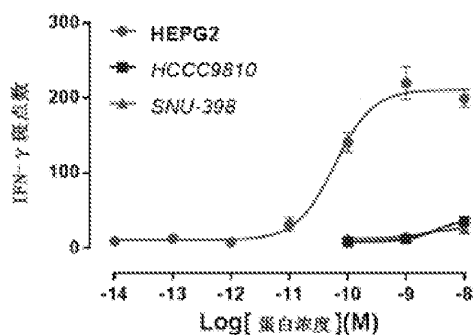


图 15a

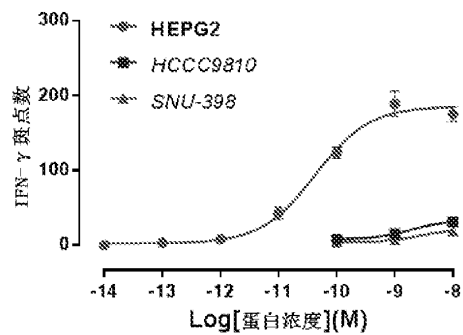


图 15b

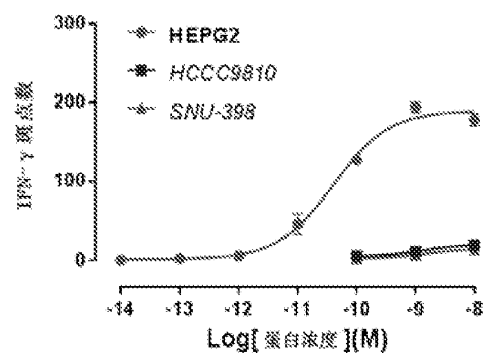


图 15c

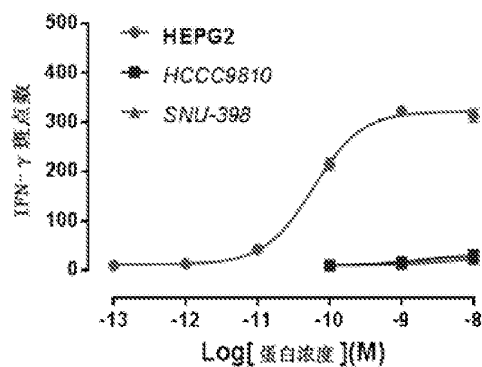


图 15d

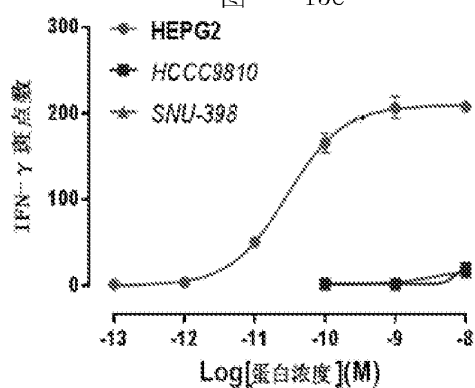


图 15e

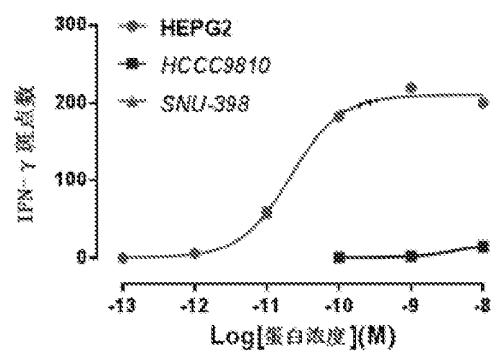


图 15f

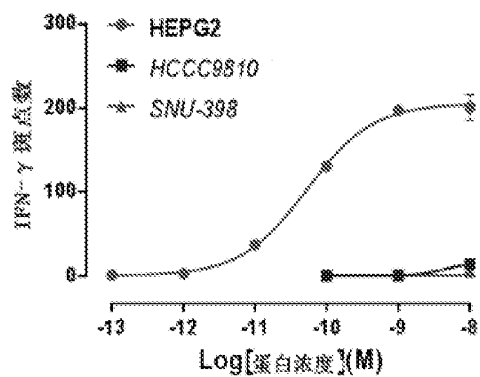


图 15g

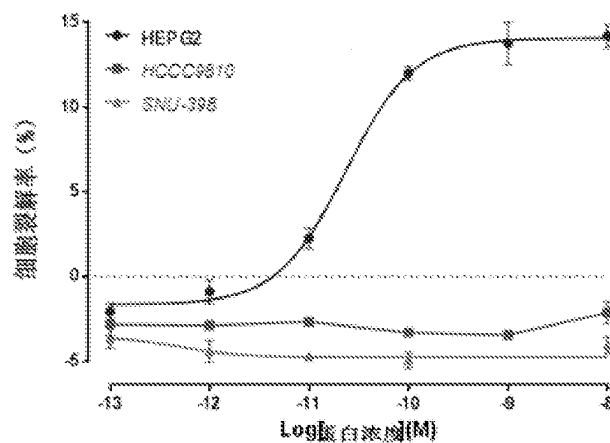


图 16

SQQGEEDPQALSIQEGENATMNC SYKTSINN LQWYRQNSGRGLVHLILIRSNEREKHSGRRLRVTLDTSKKSSSLITASRAADTASYFCATDPRTGANSKLTFGKGITLSVRPDIQNPDPAVYQLRDSKSSDKSVCLFTDFDSQTNVSQKSDSVYITDKTVLDMRSMDFKSN SAVAWSNKSDFACANAFNNSIIPDTFFPSPESS (SEQ ID NO:102)

图 17a

DTGVSQDPRHKITKRGQNVTFRCDP ISEHNRLYWYRQTLGQGPEFLTYFQNEAQLEKSRLLSDRFSAERP KGSFSTLEIQ RTEQGDSAMYLCASEGLAYEQYFGPGTRTLTVTEDLKNVFPPEVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWVNGKEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRV SATFWQNPRNHFR CQVQFYGLSENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID NO:103)

图 17b