

GEDVEQSLFLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQAGTALIFGKGTTLVSS (SEQ ID NO:1)

图 1a

NAGVTQTPKFRVLKTGQSMILLCAQDMNHEYMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLGLIESAAPSQTSVYFCASSSLEDPYEQYFGPGTRTLVT (SEQ ID NO:2)

图 1b

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNQAGTALIFGKGTTLVSS (SEQ ID NO:3)

图 2a

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLLKQ
NFLGLIESVTPSDTSVYFCASSSLEDPYEQYFGPGTRTLVT (SEQ ID NO:4)

图 2b

GGTGAGGACGTGGAACAGAGCCTGAGCCTGAGCGTGCGTGAGGGCGACAGCGTTAGCATCAACTGCACCTAC
ACCGATAGCAGCAGCACCTACCTGTATTGGTACAAGCAGGAACCGGGTGCAGGCGCTGCAACTGCTGACCTAT
ATTTTCAGCAACATGGACATGAAGCAGGATCAACGTCTGACCGTGAGCCTGAACAAGAAAGATAAACACCTG
AGCCTGCGTATCGAGGACGTTTACCCGGGTGATAGCGCGATTTACTTCTGCGCGGAACCGAACCAAGCGGGT
ACCGCGCTGATCTTTGGTAAAGGTACCACCCTGAGCGTGAGCAGC (SEQ ID NO:5)

图 3a

AACGCGGGCGTTACCCAGACCCGAAGTATCTGAGCGTGAAAACCGGTCAAAGCGTTACCCTGCAGTGCGCG
CAAGACATGAACCACGAGTATATGTACTGGTATCGTCAGGATCCGGGTCAAGGCCTGCGTCTGATCCACTAT
AGCGTGGGCGAGGGTACCACCGCGAAGGGTGAAGTGCCGGACCGTTATAACGTTAGCCGTCTGAAGAAACAG
AATTTCTGCTGGGTATTGAAAGCGTGACCCCGAGCGACACCAGCGTTTACTTCTGCGCGAGCAGCAGCCTG
GAGGATCCGTACGAACAATATTTTGGTCCGGGCACCCGTCTGACCGTTACC (SEQ ID NO:6)

图 3b

GGGSEGGGSEGGGSEGGGSEGGTG (SEQ ID NO:7)

图 4a

GGTGGCGGTAGCGAGGGCGGTGGCAGCGAAGGTGGCGGTAGCGAGGGCGGTGGCAGCGAAGGTGGCACCGGT
(SEQ ID NO:8)

图 4b

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNNSHSALIFGKGTTLVSS (SEQ ID NO:9)

图 5 (1)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNAAHSALIFGKGTTLVSS (SEQ ID NO:10)

图 5 (2)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNASHSALIFGKGTTLVSS (SEQ ID NO:11)

图 5 (3)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNSSHSALIFGKGTTLVSS (SEQ ID NO:12)

图 5 (4)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNSAHSALIFGKGTTLVSS (SEQ ID NO:13)

图 5 (5)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNNAHSALIFGKGTTLVSS (SEQ ID NO:14)

图 5 (6)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNKSHSALIFGKGTTLVSS (SEQ ID NO:15)

图 5 (7)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNQAHSALIFGKGTTLVSS (SEQ ID NO:16)

图 5 (8)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNQSHSALIFGKGTTLVSS (SEQ ID NO:17)

图 5 (9)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNRSHSALIFGKGTTLVSS (SEQ ID NO:18)

图 5 (10)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNKAHSALIFGKGTTLVSS (SEQ ID NO:19)

图 5 (11)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNTSHSALIFGKGTTLVSS (SEQ ID NO:20)

图 5 (12)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNDVTALIFGKGTTLVSS (SEQ ID NO:21)

图 5 (13)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNESQSALIFGKGTTLVSS (SEQ ID NO:22)

图 5 (14)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNNSHSALIFGKGTTLVSS (SEQ ID NO:23)

图 5 (15)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYMTEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNASHSALIFGKGTTLVSS (SEQ ID NO:24)

图 5 (16)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYQSEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNKSHSALIFGKGTTLVSS (SEQ ID NO:25)

图 5 (17)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYMTEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNNSHSALIFGKGTTLVSS (SEQ ID NO:26)

图 5 (18)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~KSH~~SALIFGKGTTLVSS (SEQ ID NO:27)

图 5 (19)

GEDVEQSLSLSVREGDSVSINCTYTD~~DP~~WATYLYWYKQEPGAGLQLLTYIFSYMTEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~SSH~~SALIFGKGTTLVSS (SEQ ID NO:28)

图 5 (20)

GEDVEQSLSLSVREGDSVSINCTYTD~~RM~~STYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~SSH~~SALIFGKGTTLVSS (SEQ ID NO:29)

图 5 (21)

GEDVEQSLSLSVREGDSVSINCTYTD~~TM~~STYLYWYKQEPGAGLQLLTYIFSYMTEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~KSH~~SALIFGKGTTLVSS (SEQ ID NO:30)

图 5 (22)

GEDVEQSLSLSVREGDSVSINCTYTD~~KM~~STYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~SSH~~SALIFGKGTTLVSS (SEQ ID NO:31)

图 5 (23)

GEDVEQSLSLSVREGDSVSINCTYTD~~KM~~STYLYWYKQEPGAGLQLLTYIFSYMTEKQDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPN~~SSH~~SALIFGKGTTLVSS (SEQ ID NO:32)

图 5 (24)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPFVKRFGPGTRTLTVT (SEQ ID NO:33)

图 6 (1)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADVQDPYEQYFGPGTRTLTVT (SEQ ID NO:34)

图 6 (2)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADIQDPYEQYFGPGTRTLTVT (SEQ ID NO:35)

图 6 (3)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMTFGPGTRTLTVT (SEQ ID NO:36)

图 6 (4)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIKYFGPGTRTLTVT (SEQ ID NO:37)

图 6 (5)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIVTFGPGTRTLTVT (SEQ ID NO:38)

图 6 (6)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVKIFGPGTRTLTVT (SEQ ID NO:39)

图 6 (7)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIKTFGPGTRTLTVT (SEQ ID NO:40)

图 6 (8)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYILNFGPGTRTLTVT (SEQ ID NO:41)

图 6 (9)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYILTFGPGTRTLTVT (SEQ ID NO:42)

图 6 (10)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSDVTDPYEQYFGPGTRTLTVT (SEQ ID NO:43)

图 6 (11)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIMAFFGPGTRTLTVT (SEQ ID NO:44)

图 6 (12)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVLEFGPGTRTLTVT (SEQ ID NO:45)

图 6 (13)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYPMLFGPGTRTLTVT (SEQ ID NO:46)

图 6 (14)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVVSFGPGTRTLTVT (SEQ ID NO:47)

图 6 (15)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMVFGPGTRTLTVT (SEQ ID NO:48)

图 6 (16)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEMYWYRQDPGQGLRLIHYSVGEGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSVEDPYEQYFGPGTRTLTVT (SEQ ID NO:49)

图 6 (17)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSLEVGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADVQDPYEQYFGPGTRTLVT (SEQ ID NO:50)

图 6 (18)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSHDWLGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMVFGPGTRTLVT (SEQ ID NO:51)

图 6 (19)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSHDWLGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIKYFGPGTRTLVT (SEQ ID NO:52)

图 6 (20)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSHDWLGTTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMQFGPGTRTLVT (SEQ ID NO:53)

图 6 (21)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSDDLGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADIQDPYEQYFGPGTRTLVT (SEQ ID NO:54)

图 6 (22)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSLEVGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYIKTFGPGTRTLVT (SEQ ID NO:55)

图 6 (23)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSLEVGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMQFGPGTRTLVT (SEQ ID NO:56)

图 6 (24)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSDDLGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASSSLEDPYVMEFGPGTRTLVT (SEQ ID NO:57)

图 6 (25)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSDDLGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADVQDPYEQYFGPGTRTLVT (SEQ ID NO:58)

图 6 (26)

NAGVTQTPKYLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSLEVGTAKGEVPDRYNVSRLKKQ
NFLLGIESVTPSDTSVYFCASADIQDPYEQYFGPGTRTLVT (SEQ ID NO:59)

图 6 (27)

GEDVEQSLSLSVREGDSVSINCTYTDSSSTYLWYKQEPGAGLQLLTYIFSNMDMKDQRLTVSLNKKDKHL
SLRIEDVQPGDSAIYFCAEPNQAGTALIFGKGTTLVSSGGGSEGGGSEGGGSEGGGSEGGTGNAGVTQTPK
YLSVKTGQSVTLQCAQDMNHEYMYWYRQDPGQGLRLIHYSVGEGETTAKGEVPDRYNVSRLKKQNFLLGIESV
TPSDTSVYFCASSSLEDPYEQYFGPGTRTLVT (SEQ ID NO:60)

图 7a

GGTGAGGACGTGGAACAGAGCCTGAGCCTGAGCGTGCGTGAGGGCGACAGCGTTAGCATCAACTGCACCTAC
ACCGATAGCAGCAGCACCTACCTGTATTGGTACAAGCAGGAACCGGGTGCAGGCGCTGCAACTGCTGACCTAT
ATTTTCAGCAACATGGACATGAAGCAGGATCAACGTCTGACCGTGAGCCTGAACAAGAAAGATAAACACCTG
AGCCTGCGTATCGAGGACGTTTCAGCCGGGTGATAGCGCATTTACTTCTGCGCGGAACCGAACCAAGCGGGT
ACCGCGCTGATCTTTGGTAAAGGTACCACCCTGAGCGTGAGCAGCGGTGGCGGTAGCGAGGGCGGTGGCAGC
GAAGGTGGCGGTAGCGAGGGCGGTGGCAGCGAAGGTGGCACCAGGTAAACGCGGGCGTTACCCAGACCCGAAG
TATCTGAGCGTGAAAACCGGTCAAAGCGTTACCCTGCAGTGCGCGCAAGACATGAACCACGAGTATATGTAC
TGATATCGTCAGGATCCGGGTCAAGGCCTGCGTCTGATCCACTATAGCGTGGGCGAGGGTACCACCGCGAAG
GGTGAAGTGCCGGACCGTTATAACGTTAGCCGTCTGAAGAAACAGAACTTTCTGCTGGGTATTGAAAGCGTG
ACCCCGAGCGACACCAGCGTTTACTTCTGCGCGAGCAGCAGCCTGGAGGATCCGTACGAACAATATTTTGGT
CCGGGCACCCGTCTGACCGTTACC (SEQ ID NO:61)

图 7b

GEDVEQSLFLSVREGDSSVINCTYTDSSSTYLWYKQEPGAGLQLLTYIFSNMDMKDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQAGTALIFGKGTTLVSSNIQNPDPAVYQLRDSKSSDKSVCLFTDFDSQTN
VSQSKSDSVYITDKCVLDMRSMDFKSNSAVAWSNKSDFACANAFNNSIIPEDTFFPSPSS (SEQ ID
NO:62)

图 8a

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGE GTTAKGEVPDGYNVSR LKKQ
NFLGLGESAAPSQTSVYFCASSSLEDPYEQYFGPGTRLTVTEDLKNVFPPEVAVFEPSEAEISHTQKATLVC
LATGFYDPDHVELSWVWNGKEVHSGVCTDPQPLKEQPALNDSRYALSSRLRVSATFWQDPRNHFRCQVQFYGL
SENDEWTQDRAKPV TQIVSAEAWGRAD (SEQ ID NO:63)

图 8b

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNSHSSALIFGKGTTLVSS (SEQ ID NO:64)

图 9 (1)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNAAHSSALIFGKGTTLVSS (SEQ ID NO:65)

图 9 (2)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNASHSSALIFGKGTTLVSS (SEQ ID NO:66)

图 9 (3)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNSSHSSALIFGKGTTLVSS (SEQ ID NO:67)

图 9 (4)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNSAHSSALIFGKGTTLVSS (SEQ ID NO:68)

图 9 (5)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNAHSSALIFGKGTTLVSS (SEQ ID NO:69)

图 9 (6)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNKSHSSALIFGKGTTLVSS (SEQ ID NO:70)

图 9 (7)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQAHSSALIFGKGTTLVSS (SEQ ID NO:71)

图 9 (8)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQSHSSALIFGKGTTLVSS (SEQ ID NO:72)

图 9 (9)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNRSHSSALIFGKGTTLVSS (SEQ ID NO:73)

图 9 (10)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNKAHSSALIFGKGTTLVSS (SEQ ID NO:74)

图 9 (11)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNTSHSSALIFGKGTTLVSS (SEQ ID NO:75)

图 9 (12)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNDVTTALIFGKGTTLVSS (SEQ ID NO:76)

图 9 (13)

GEDVEQSLFSLSVREGDSSVINCTYTDSSSTYLYWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNESQSSALIFGKGTTLVSS (SEQ ID NO:77)

图 9 (14)

GEDVEQSLFSLSVREGDSSVINCTYTDWPATYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNSHSSALIFGKGTTLVSS (SEQ ID NO:78)

图 9 (15)

GEDVEQSLFLSVREGDSSVINCTYTDDPWATYLYWYKQEPGAGLQLLTYIFSSYMTEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNASHSSALIFGKGTTLSVSS (SEQ ID NO:79)

图 9 (16)

GEDVEQSLFLSVREGDSSVINCTYTDDPWATYLYWYKQEPGAGLQLLTYIFSYQSEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNKSHSSALIFGKGTTLSVSS (SEQ ID NO:80)

图 9 (17)

GEDVEQSLFLSVREGDSSVINCTYTDDPWATYLYWYKQEPGAGLQLLTYIFSSYMTEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNNSHSSALIFGKGTTLSVSS (SEQ ID NO:81)

图 9 (18)

GEDVEQSLFLSVREGDSSVINCTYTDDPWATYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNKSHSSALIFGKGTTLSVSS (SEQ ID NO:82)

图 9 (19)

GEDVEQSLFLSVREGDSSVINCTYTDDPWATYLYWYKQEPGAGLQLLTYIFSSYMTEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNSSHSALIFGKGTTLSVSS (SEQ ID NO:83)

图 9 (20)

GEDVEQSLFLSVREGDSSVINCTYTDRMSTYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNSSHSALIFGKGTTLSVSS (SEQ ID NO:84)

图 9 (21)

GEDVEQSLFLSVREGDSSVINCTYTDTMSTYLYWYKQEPGAGLQLLTYIFSSYMTEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNKSHSSALIFGKGTTLSVSS (SEQ ID NO:85)

图 9 (22)

GEDVEQSLFLSVREGDSSVINCTYTDKMSTYLYWYKQEPGAGLQLLTYIFSYQSTKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNNSHSSALIFGKGTTLSVSS (SEQ ID NO:86)

图 9 (23)

GEDVEQSLFLSVREGDSSVINCTYTDKMSTYLYWYKQEPGAGLQLLTYIFSSYMTEKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNNNSHSSALIFGKGTTLSVSS (SEQ ID NO:87)

图 9 (24)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPFVKRFGPGTRLTVT (SEQ ID NO:88)

图 10 (1)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASADVQDPYEQYFGPGTRLTVT (SEQ ID NO:89)

图 10 (2)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASADIQDPYEQYFGPGTRLTVT (SEQ ID NO:90)

图 10 (3)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMTFGPGTRLTVT (SEQ ID NO:91)

图 10 (4)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIKYFGPGTRLTVT (SEQ ID NO:92)

图 10 (5)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIVTFGPGTRLTVT (SEQ ID NO:93)

图 10 (6)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVKIFGPGTRLTVT (SEQ ID NO:94)

图 10 (7)

NAGVTQTPKFRVLKTGQSMTLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLKKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIKTFGPGTRLTVT (SEQ ID NO:95)

图 10 (8)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYILNFGPGTRLTVT (SEQ ID NO:96)

图 10 (9)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYILTFGPGTRLTVT (SEQ ID NO:97)

图 10 (10)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSDVIDPYEQYFGPGTRLTVT (SEQ ID NO:98)

图 10 (11)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIMAFGPGTRLTVT (SEQ ID NO:99)

图 10 (12)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVLEFGPGTRLTVT (SEQ ID NO:100)

图 10 (13)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYPMLFGPGTRLTVT (SEQ ID NO:101)

图 10 (14)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVVSFGPGTRLTVT (SEQ ID NO:102)

图 10 (15)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMVFGPGTRLTVT (SEQ ID NO:103)

图 10 (16)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGEGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSVEDPYEQYFGPGTRLTVT (SEQ ID NO:104)

图 10 (17)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSLEVGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASADVDPYEQYFGPGTRLTVT (SEQ ID NO:105)

图 10 (18)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYHDWLGTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMVFGPGTRLTVT (SEQ ID NO:106)

图 10 (19)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYHDWLGTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIKYFGPGTRLTVT (SEQ ID NO:107)

图 10 (20)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYHDWLGTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMQFGPGTRLTVT (SEQ ID NO:108)

图 10 (21)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSDWLGTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASADIQDPYEQYFGPGTRLTVT (SEQ ID NO:109)

图 10 (22)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSLEVGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYIKTFGPGTRLTVT (SEQ ID NO:110)

图 10 (23)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSLEVGTTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMQFGPGTRLTVT (SEQ ID NO:111)

图 10 (24)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSDWLGTAKGEVPDGYNVSRLLKQ
NFLLGLESAAPSQTSVYFCASSSLEDPYVMFEGPGTRLTVT (SEQ ID NO:112)

图 10 (25)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYS DWLGT TAKGEVPDGYNVSR LKKQ
NFLLGLESAAPSQTSVYFCAS ADVQDPYEQYFGPGTRLT VT (SEQ ID NO:113)

图 10 (26)

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYS LEVGT TAKGEVPDGYNVSR LKKQ
NFLLGLESAAPSQTSVYFCAS ADIQDPYEQYFGPGTRLT VT (SEQ ID NO:114)

图 10 (27)

GEDVEQSLFLSVREGDSSVINCTYTDSSSTYLWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQAGTALIFGKGTTLSVSSNIQNPDPAVYQLRDSKSSDKSVCLFTDFDSQTN
VSQSKDSDVYITDKTVLDMRSMDFKSN SAVAWSNKSDFACANAFNNSIIPEDTFFPSPESS (SEQ ID
NO:115)

图 11a

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGE GTTAKGEVPDGYNVSR LKKQ
NFLLGLESAAPSQTSVYFCASSLEDPYEQYFGPGTRLT VTEDLKNVFPPEVAVFEPSEAEISHTQKATLVC
LATGFYDPDHVELSWVWNGKEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSATFWQNPRNHFR CQVQFYGL
SENDEWTQDRAKPVTQIVSAEAWGRAD (SEQ ID NO:116)

图 11b

GEDVEQSLFLSVREGDSSVINCTYTDSSSTYLWYKQEPGAGLQLLTYIFSNMDMKQDQRLTVLLNKKDKHL
SLRIADTQTGDSAIYFCAEPNQAGTALIFGKGTTLSVSSNIQNPDPAVYQLRDSKSSDKSVCLFTDFDSQTN
VSQSKDSDVYITDKTVLDMRSMDFKSN SAVAWSNKSDFACANAFNNSIIPEDTFFPSPESSCDVKLVEKSFE
TDTNLFQNL SVIGFRILLKLVAGFNLLMTLRLWSS (SEQ ID NO:117)

图 12a

NAGVTQTPKFRVLKTGQSM TLLCAQDMNHEMYWYRQDPGMGLRLIHYSVGE GTTAKGEVPDGYNVSR LKKQ
NFLLGLESAAPSQTSVYFCASSLEDPYEQYFGPGTRLT VTEDLKNVFPPEVAVFEPSEAEISHTQKATLVC
LATGFYDPDHVELSWVWNGKEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSATFWQNPRNHFR CQVQFYGL
SENDEWTQDRAKPVTQIVSAEAWGRADCGFTSESYQQGVLSATILYEILLGKATLYAVLV SALVLMAMVKRK
DSRG (SEQ ID NO:118)

图 12b

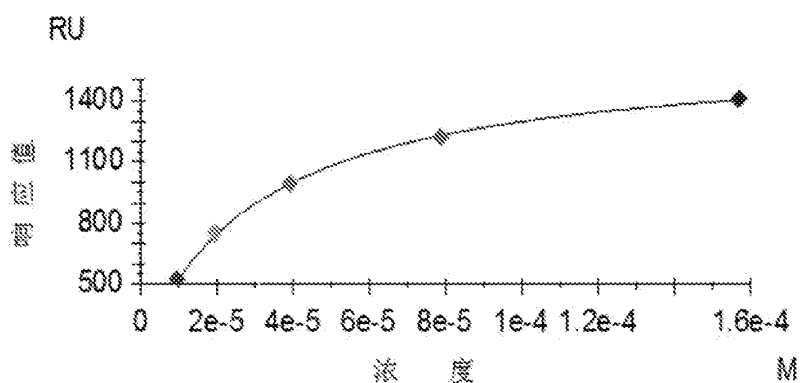


图 13

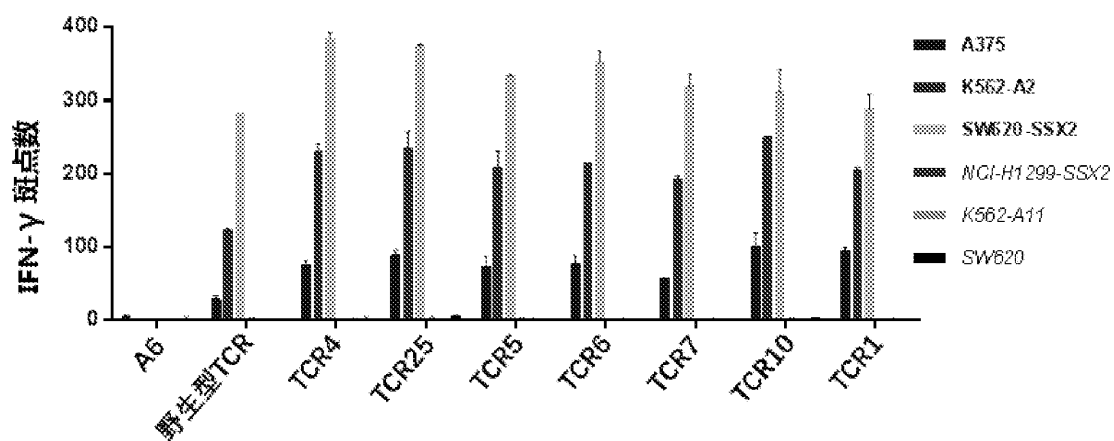


图 14

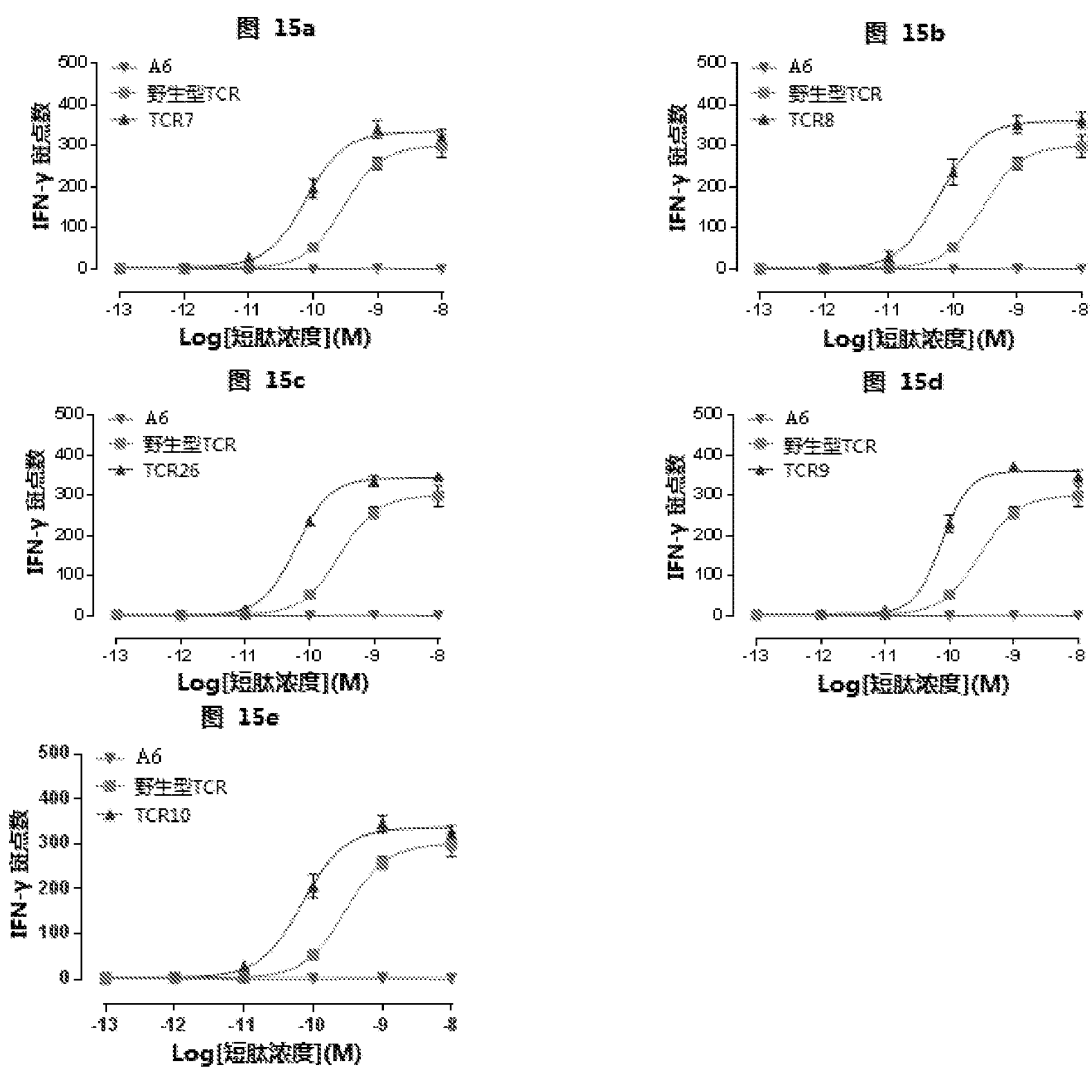


图 15

图 16a

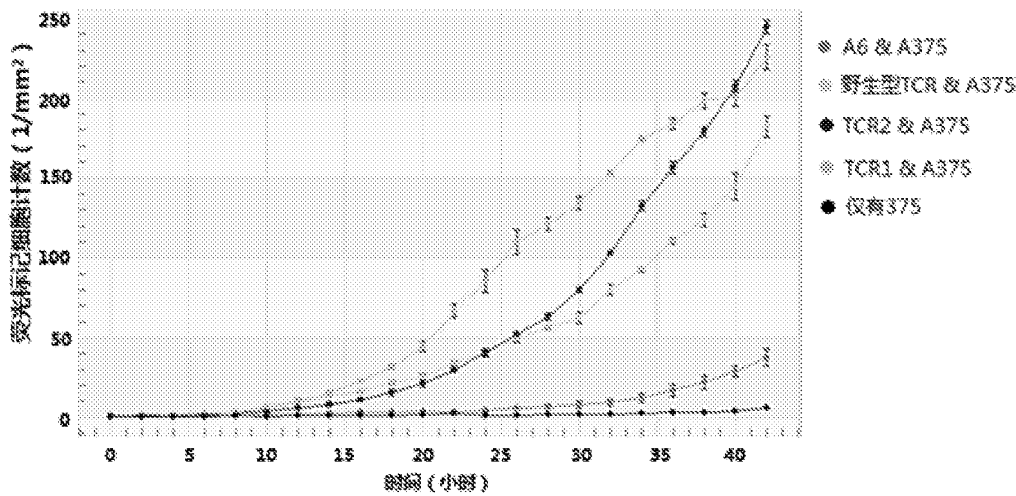


图 16b

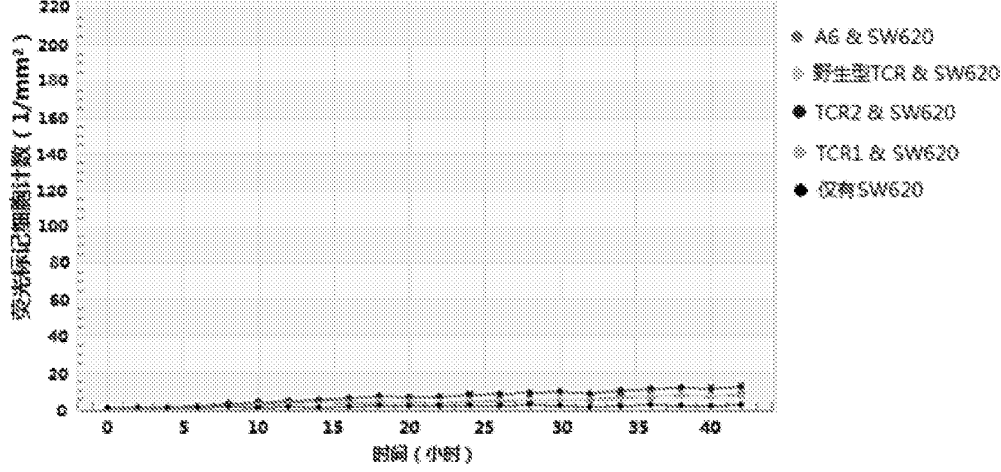


图 16c

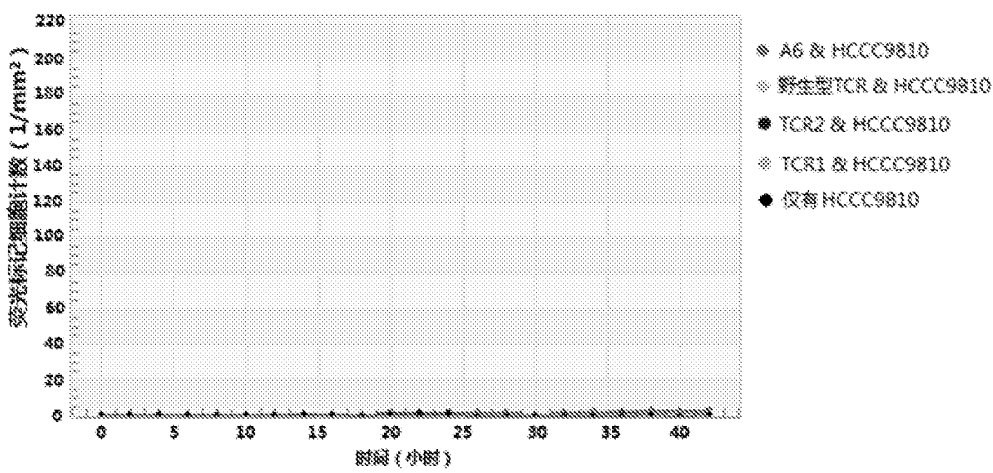


图 16

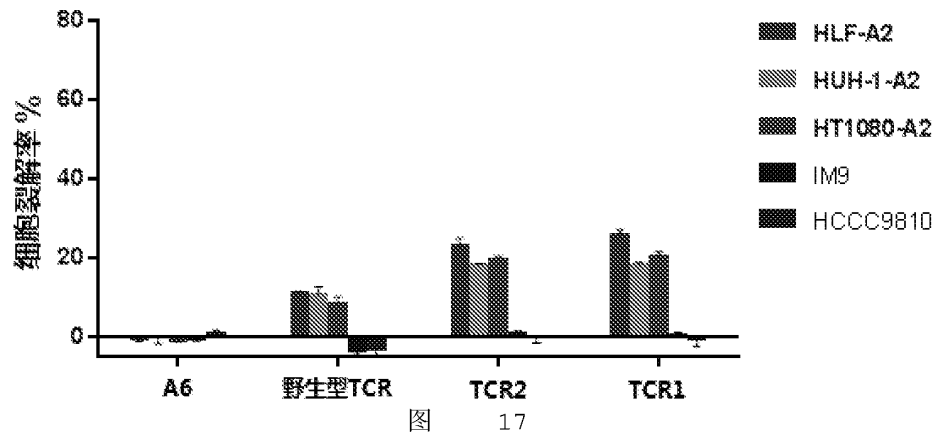


图 17

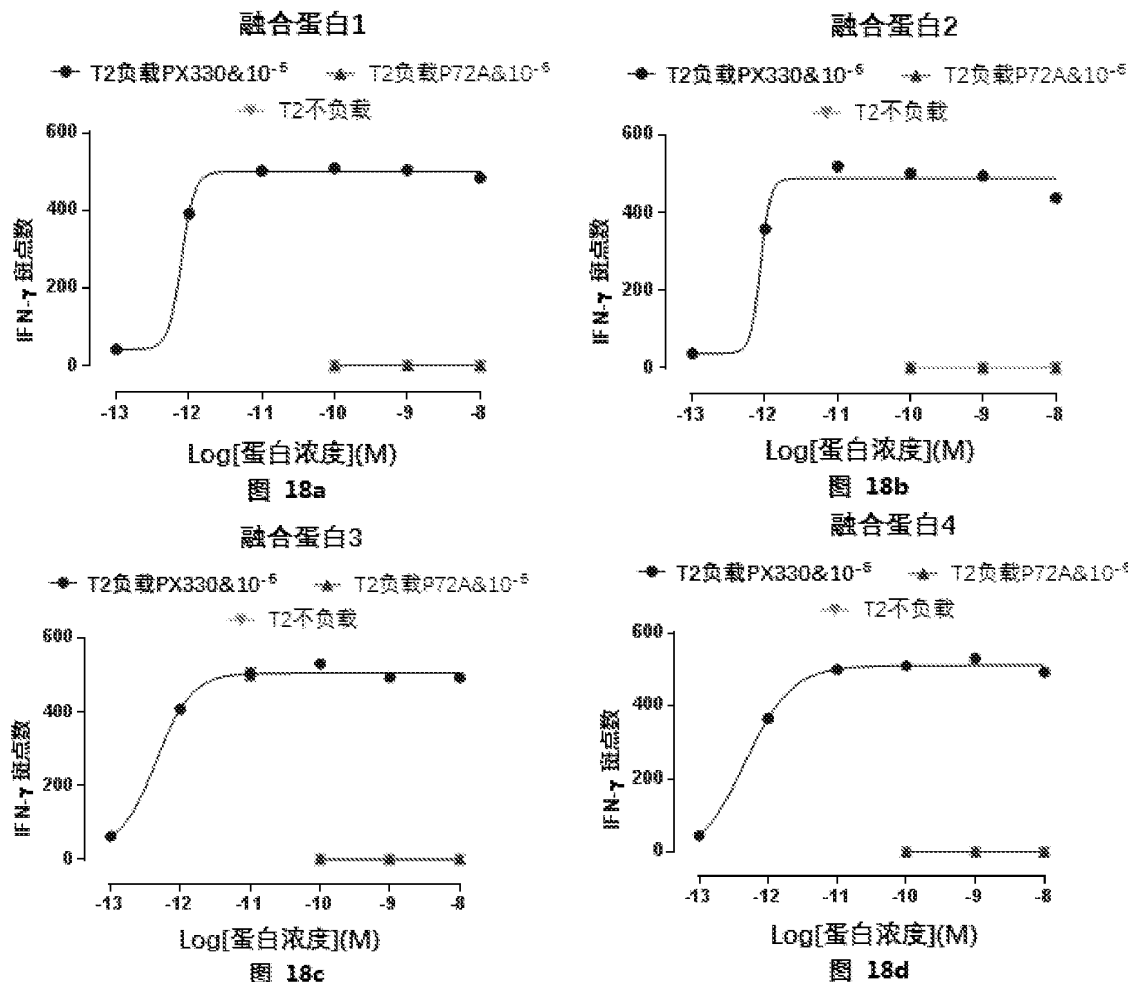


图 18