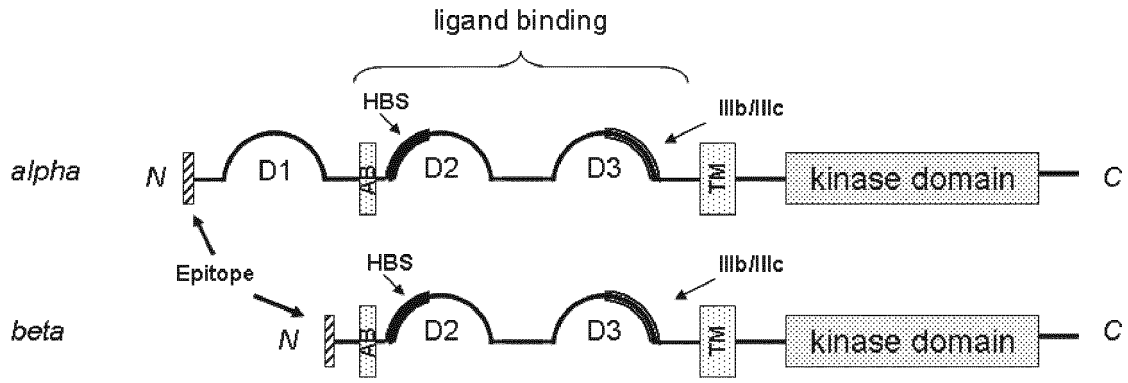
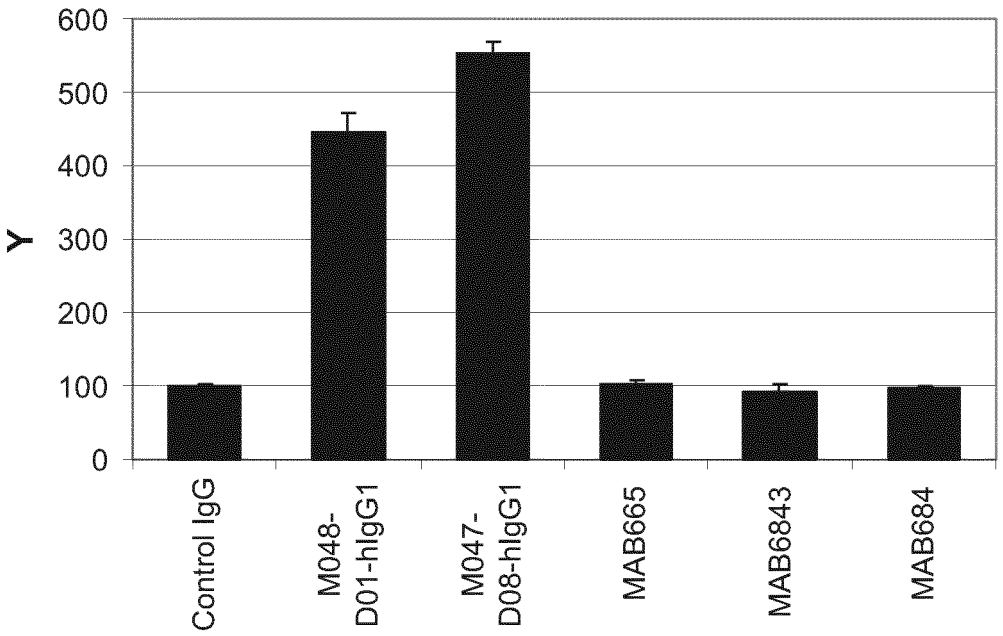
BHC11 1 042-FC

Figure 1:



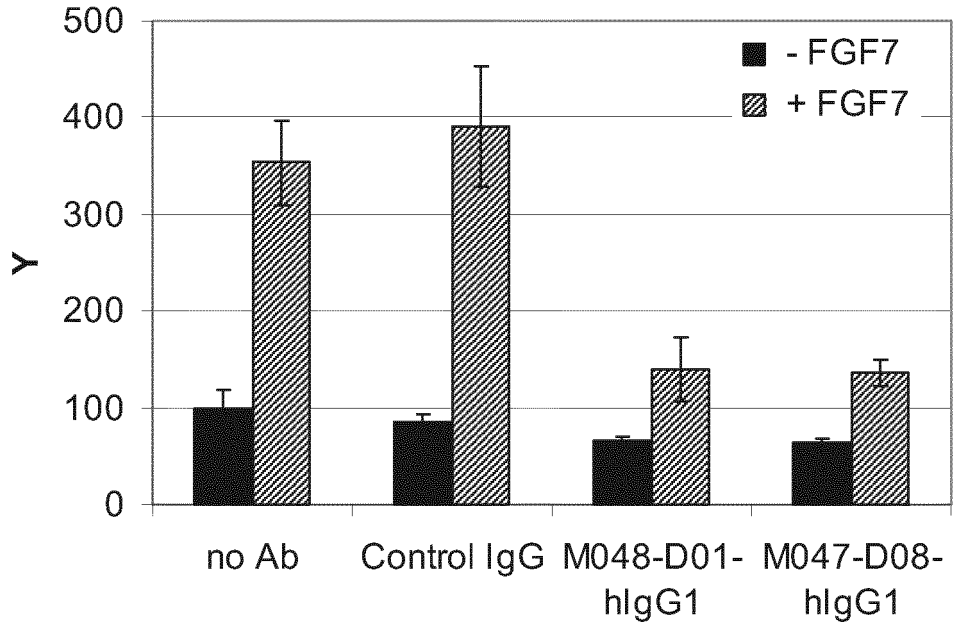
BHC11 1 042-FC

Figure 2:



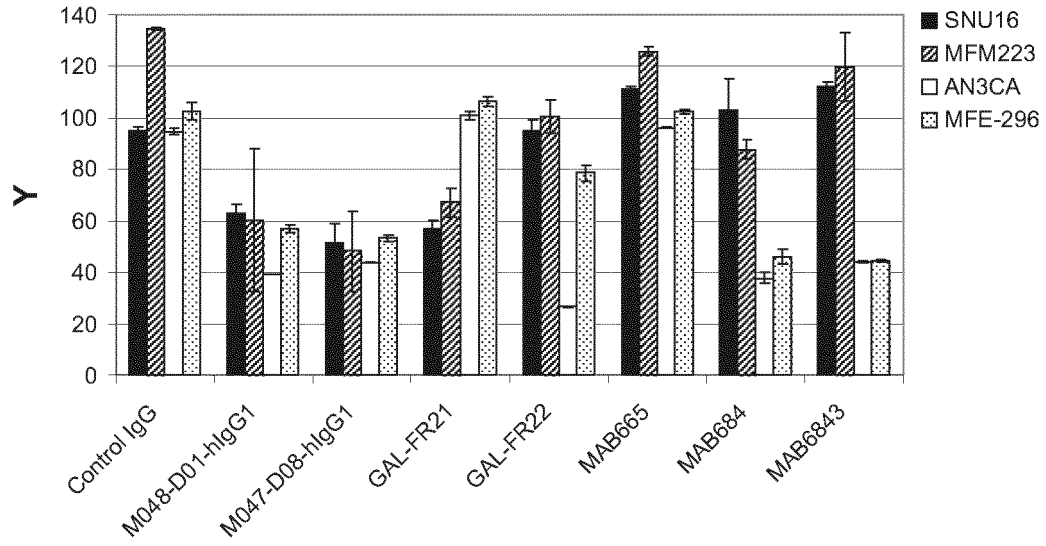
BHC11 1 042-FC

Figure 3:



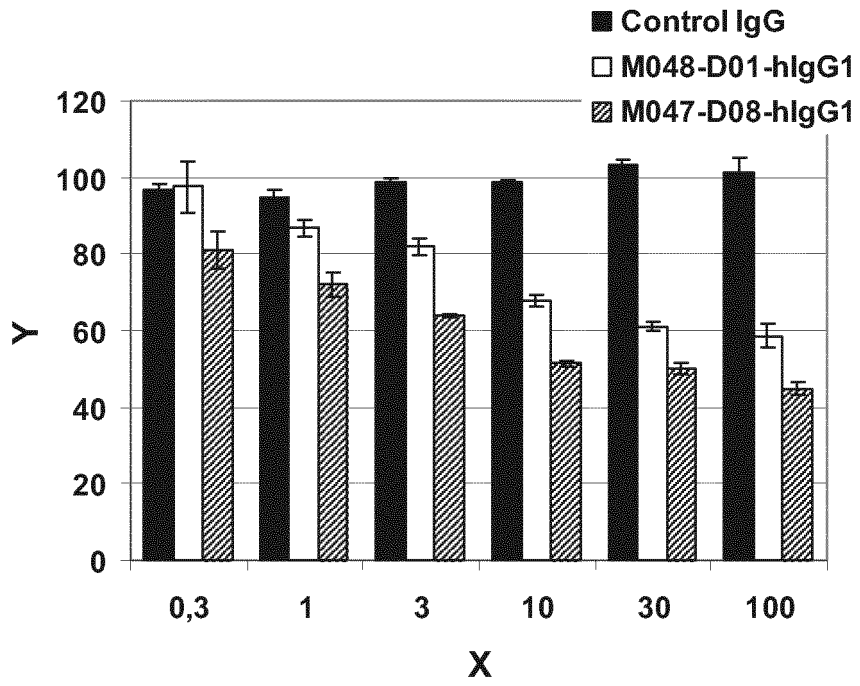
BHC11 1 042-FC

Figure 4:



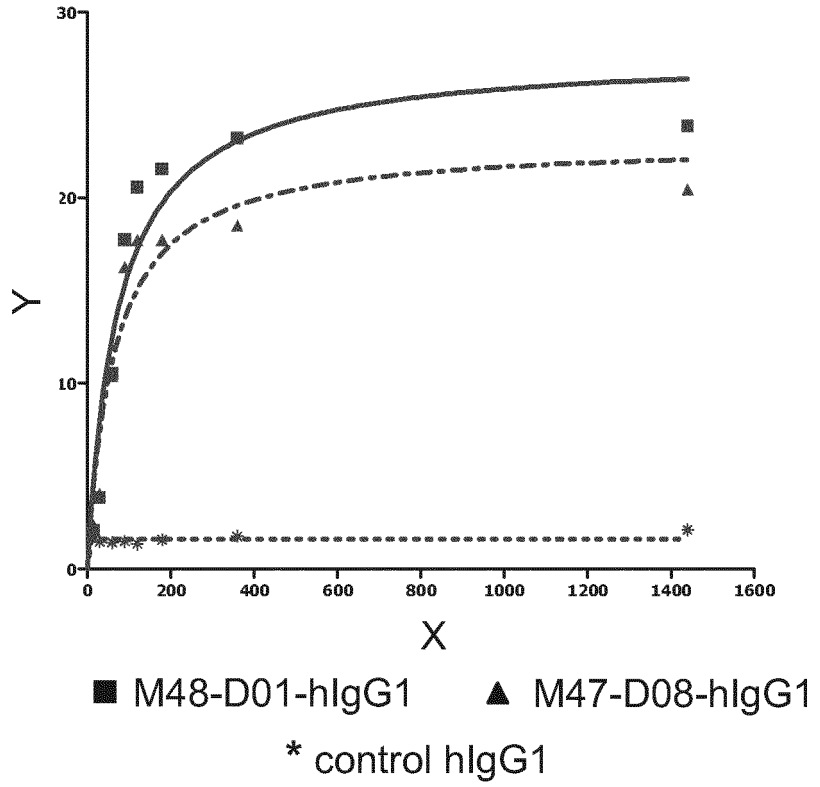
BHC11 1 042-FC

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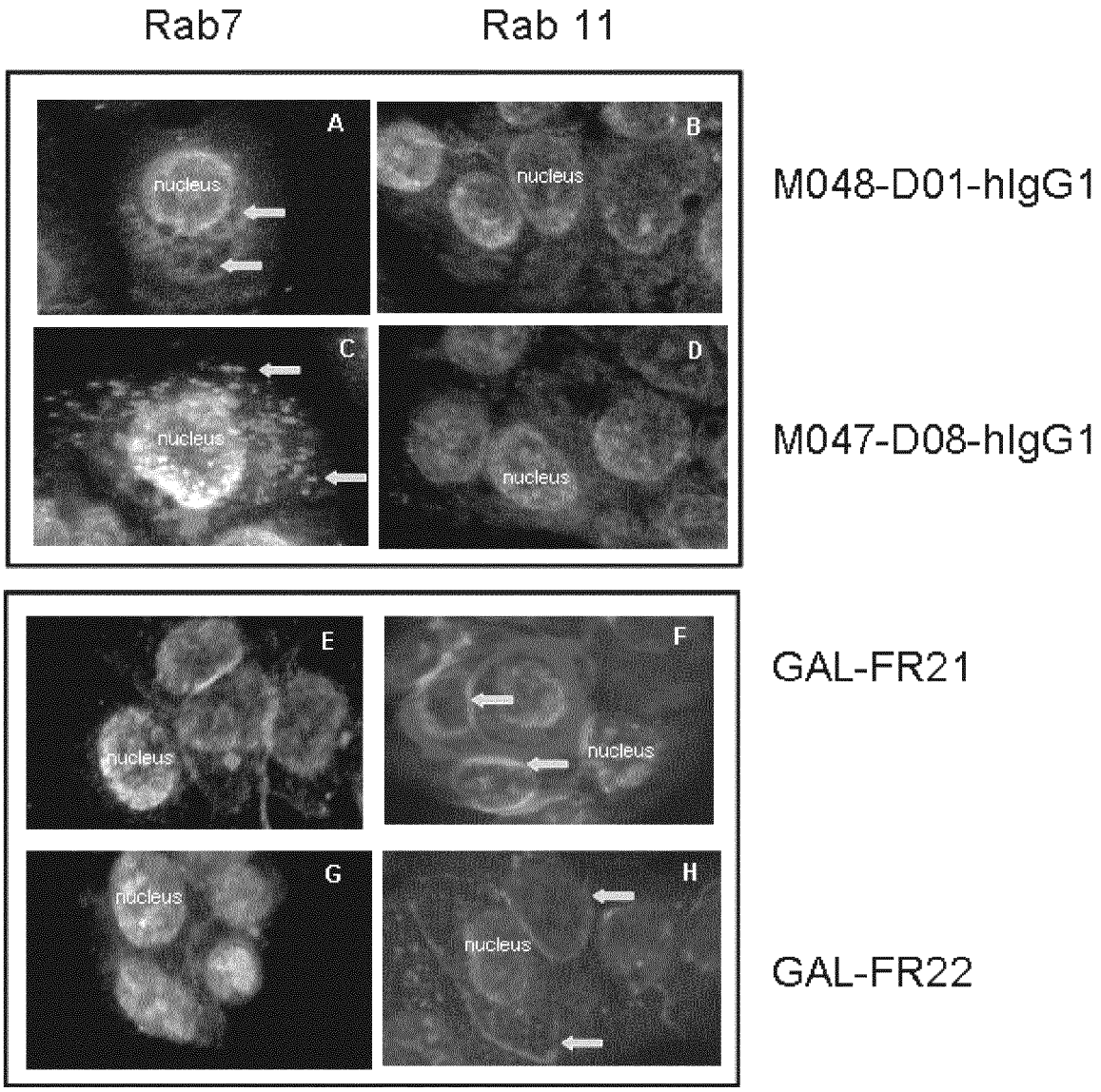
BHC11 1 042-FC

Figure 6:



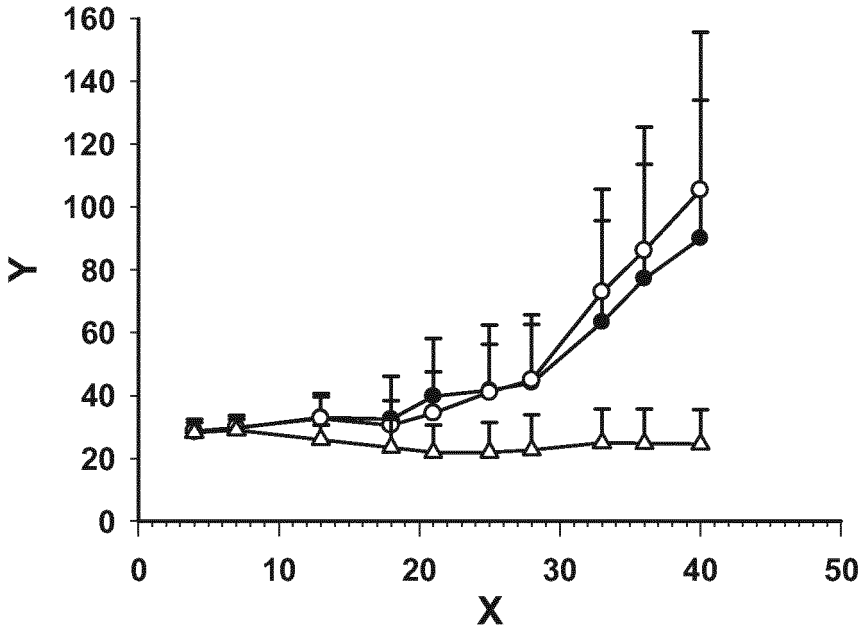
BHC11 1 042-FC

Figure 7:



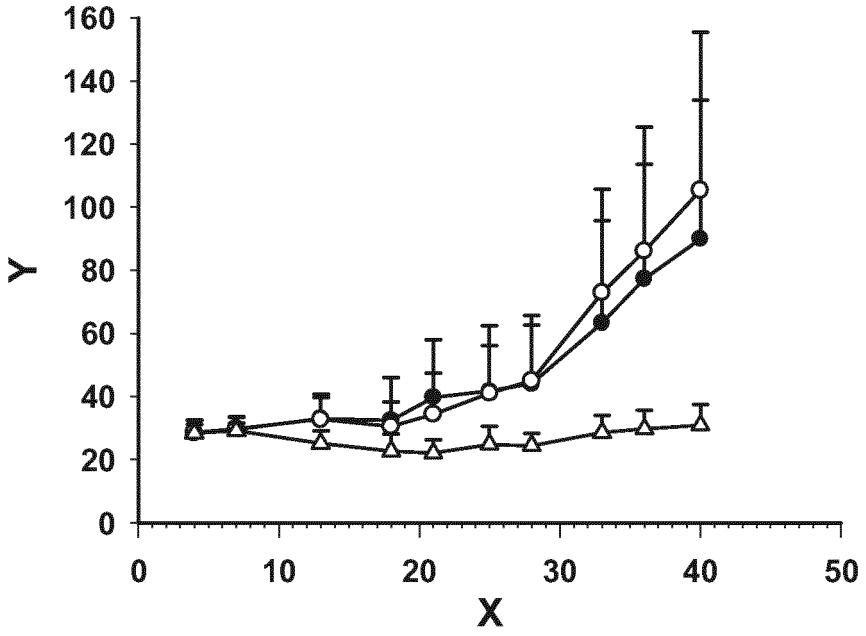
BHC11 1 042-FC

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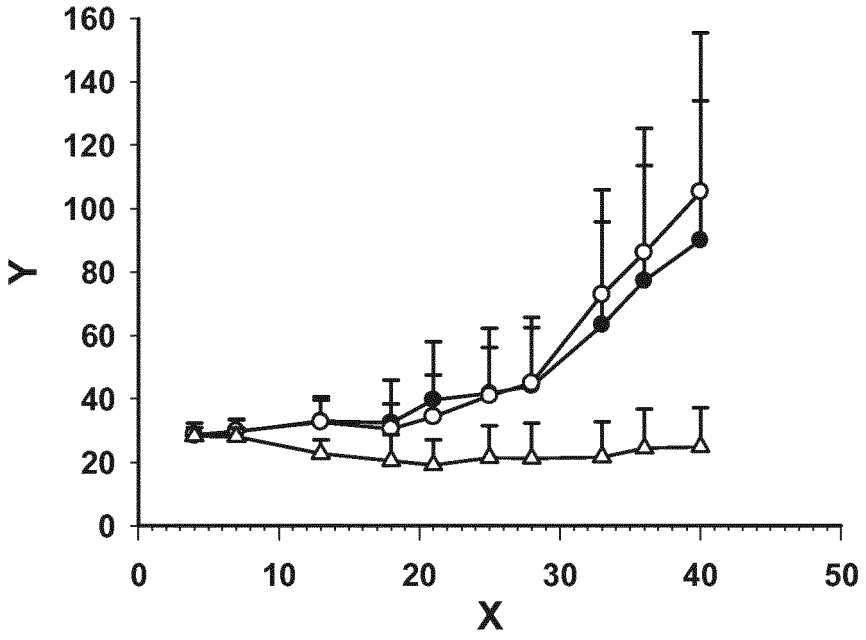
BHC11 1 042-FC

Figure 9:



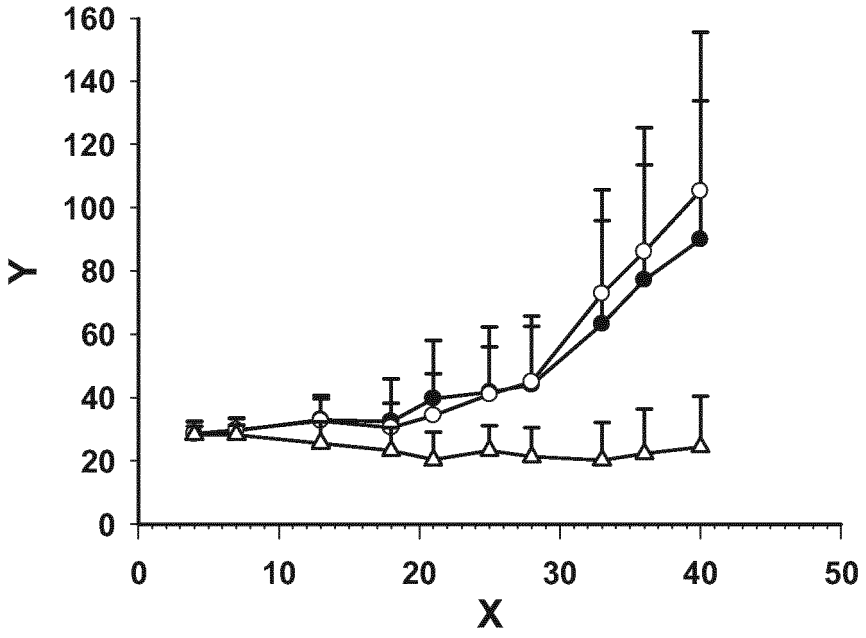
BHC11 1 042-FC

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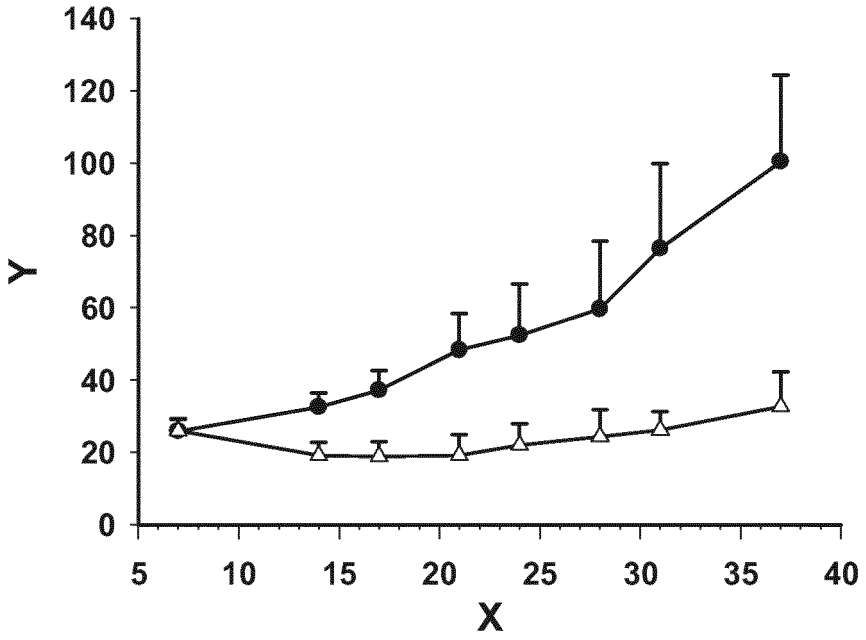
BHC11 1 042-FC

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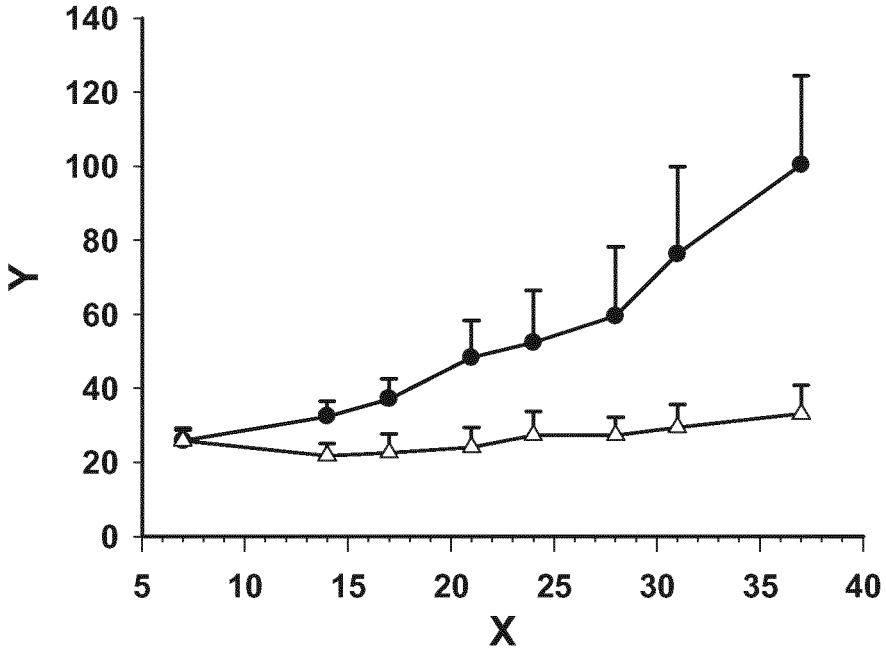
BHC11 1 042-FC

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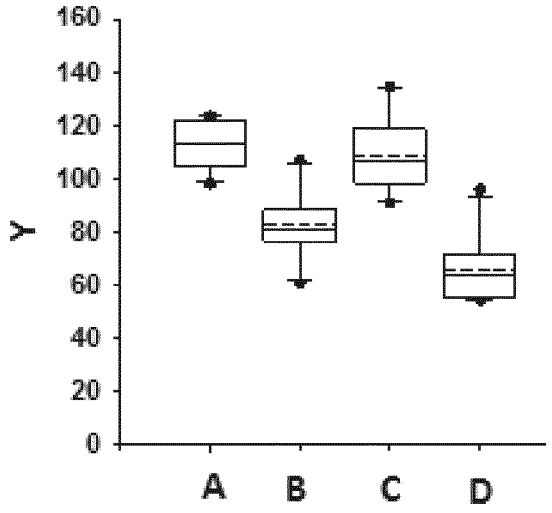
BHC11 1 042-FC

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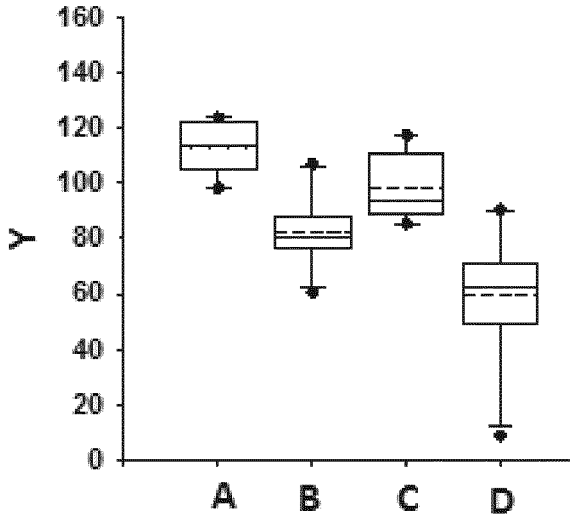
BHC11 1 042-FC

Figure 14:



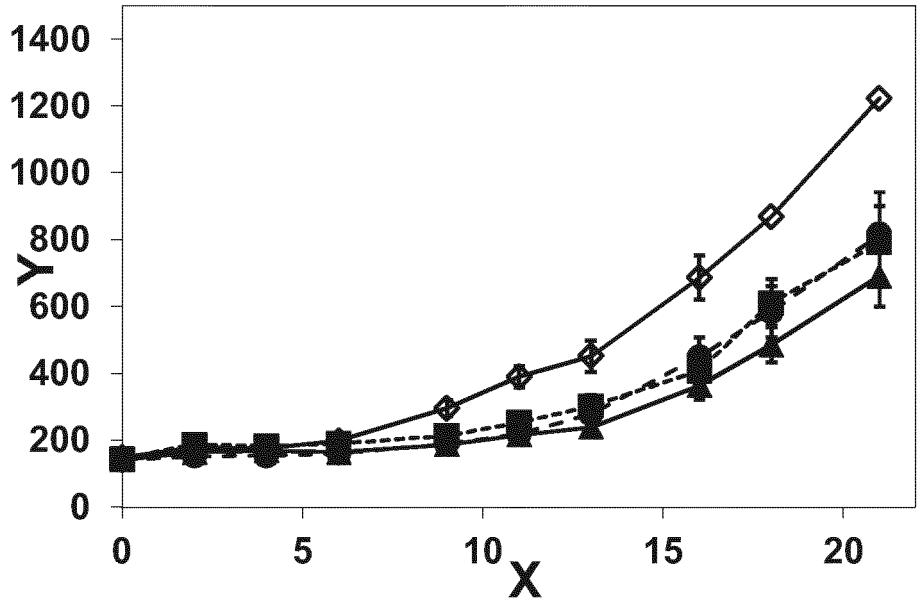
BHC11 1 042-FC

Figure 15



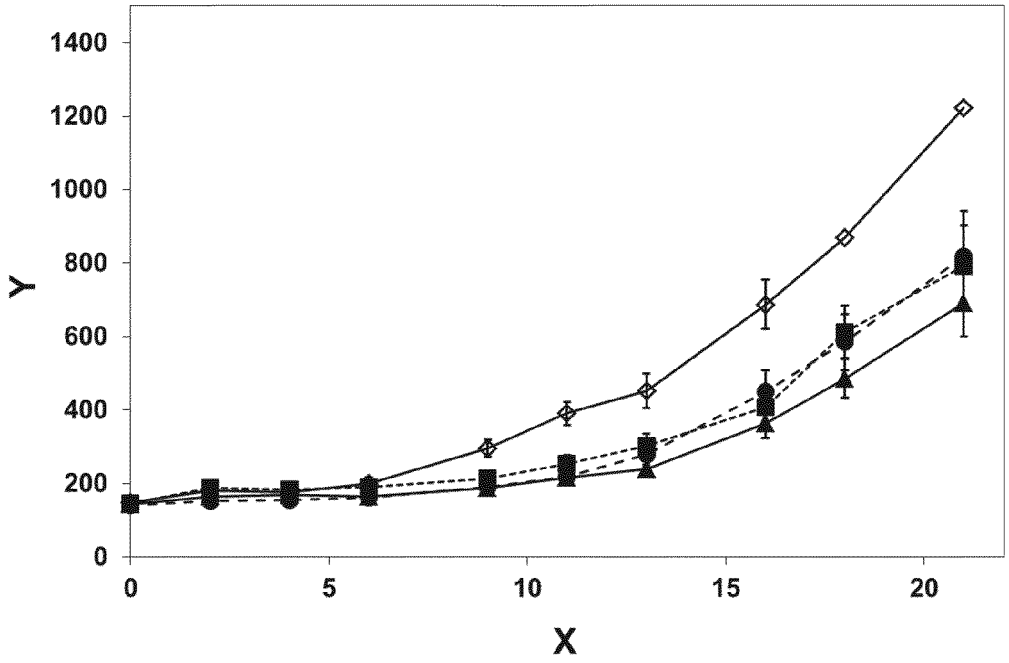
BHC11 1 042-FC

Figure 16:



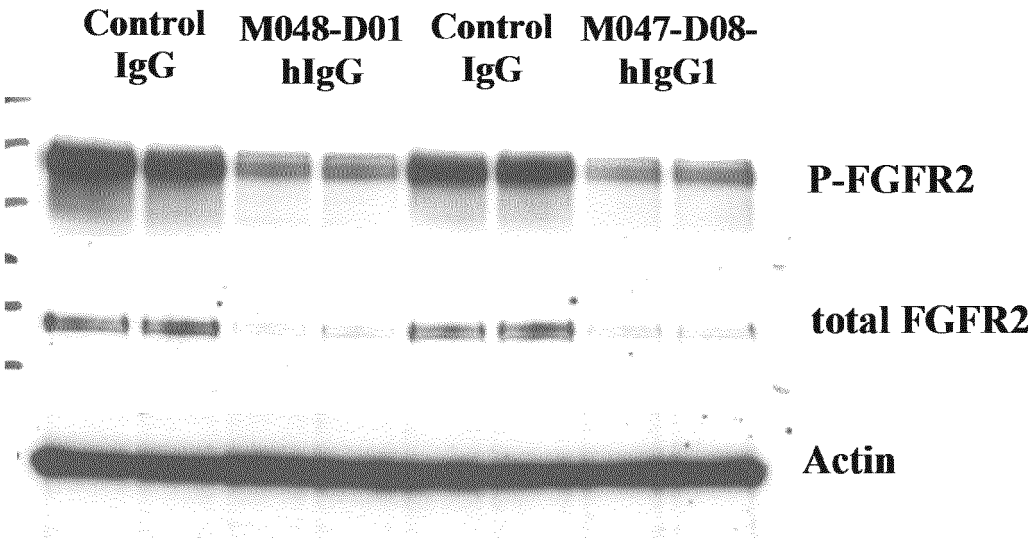
BHC11 1 042-FC

Figure 17:



BHC11 1 042-FC

Figure 18:



BHC11 1 042-FC

Figure 19:

SEQ ID NO:1 (polypeptide):
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NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSS

SEQ ID NO:2 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYDNNKRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLSGWVFGGGTKLTVL

SEQ ID NO:3 (DNA):
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CTGGATTCACCTTCCGTACCTCTGGCATGCACTGGGTCCGCCAGGCTCCAGGCAAGGGGCTGGAGTGGGTGGC
AGTTATATCATATGATGGAAGTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTCACCATCTCCAGAGAC
AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGA
GAGAATCCCCCGGCTACGATTTTGAGTATTGGGGCCAGGGTACCCTGGTCACCGTGAGCTCA

SEQ ID NO:4 (DNA):
CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCTTGTTCTGGAA
GCAGCTCCAACATCGGAAGTAATACTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCAT
CTATGACAATAATAAGCGACCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
CTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAGTG
GTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:5 (polypeptide):
FRTSGMHW

SEQ ID NO:6 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:7 (polypeptide):
ARESPGYDFEY

SEQ ID NO:8 (polypeptide):
SGSSSNIGSNTVN

SEQ ID NO:9 (polypeptide):
DNNKRPS

SEQ ID NO:10 (polypeptide):
CAAWDDSLSGWV

SEQ ID NO:11 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSNYGIHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAMYYCARDSSSAEDYWGQGTLVTVSS

SEQ ID NO:12 (polypeptide):
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LAISGLRSEDEADYYCETWDSNTRGVVFGGGTKLTVL

SEQ ID NO:13 (DNA):
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AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCATGTATTACTGTGCGC
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SEQ ID NO:14 (DNA):

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CTATAGGAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
CTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGAGACCTGGGACAGTAACACTCGGG
GGGTGGTATTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:15 (polypeptide):
FSNYGIHW

SEQ ID NO:16 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:17 (polypeptide):
ARDSSSAEDY

SEQ ID NO:18 (polypeptide):
SGSSSNTGSNTVN

SEQ ID NO:19 (polypeptide):
RNNQRPS

SEQ ID NO:20 (polypeptide):
CETWDSNTRGVV

SEQ ID NO:21 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFRTSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSS

SEQ ID NO:22 (polypeptide):
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LAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVL

SEQ ID NO:23 (DNA):
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AGTTATATCATATGATGGAAGTAATAAATACTATGCAGACTCCGTGAAGGGCCGATTCACCATCTCCAGAGAC
AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGA
GAGAATCCCCCGGCTACGATTTTGAGTATTGGGGCCAGGGTACCCTGGTCACCGTGAGCTCA

SEQ ID NO:24 (DNA):
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GCAGCTCCAACATCGGAAGTAATACTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCAT
CTATGGTAACAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
CTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATG
GTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:25 (polypeptide):
FRTSGMHW

SEQ ID NO:26 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:27 (polypeptide):
ARESPGYDFEY

SEQ ID NO:28 (polypeptide):
SGSSSNIGSNTVN

SEQ ID NO:29 (polypeptide):
GNSNRPS

SEQ ID NO:30 (polypeptide):
CAAWDDSLNGWV

SEQ ID NO:31 (polypeptide):
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NSKNTLYLQMNSLRAEDTAVYYCARVRYNWNHGDWFDPWGQGTLVTVSS

SEQ ID NO:32 (polypeptide):
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LAISGLRSEDEADYYCSSWDDSLNYWVFGGGTKLTVL

SEQ ID NO:33 (DNA):
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AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGA
GAGTCCGTTATAACTGGAACCACGGAGACTGGTTCGACCCCTGGGGCCAAGGTACCCTGGTCACCGTGAGCTC
A

SEQ ID NO:34 (DNA):
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GCAGCTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCAT
CTATGAGAATTACAACCGACCCGCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
CTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTTCATCGTGGGATGACAGCCTGAATT
ATTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:35 (polypeptide):
FSSYAMSW

SEQ ID NO:36 (polypeptide):
VSAISGSGTSTYYADSVKGR

SEQ ID NO:37 (polypeptide):
ARVRYNWNHGDWFDP

SEQ ID NO:38 (polypeptide):
SGSSSNIGNNYVS

SEQ ID NO:39 (polypeptide):
ENYNRPA

SEQ ID NO:40 (polypeptide):
CSSWDDSLNYWV

SEQ ID NO:41 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSNYGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAKETNDVPFDYWGQGTLVTVSS

SEQ ID NO:42 (polypeptide):
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LAISGLRSEDEADYYCAAWHDSLSGWVFGGGTKLTVL

SEQ ID NO:43 (DNA):
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AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGA
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SEQ ID NO:44 (DNA):
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GCAGCTCCAACATCGGAAGTAATACTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCAT
CTATGCTAACAACAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
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GTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:45 (polypeptide):
FSNYGMHW

SEQ ID NO:46 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:47 (polypeptide):
AKETNDVPFDY

SEQ ID NO:48 (polypeptide):
SGSSSNIGSNTVN

SEQ ID NO:49 (polypeptide):
ANNNRPS

SEQ ID NO:50 (polypeptide):
CAAWHDSLSGWV

SEQ ID NO:51 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSNYGMYWVRQAPGKGLEWVAVISYDGTNKYYVDSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAKDLPKWGGFDSWGQGTLVTVSS

SEQ ID NO:52 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGGSSNIGSNYVYWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGVVFGGGTKLTVL

SEQ ID NO:53 (DNA):
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AGTTATATCATATGATGGAACTAACAAATATTATGTAGACTCCGTGAAGGGCCGATTCACCATCTCCAGAGAC
AATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCAA
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SEQ ID NO:54 (DNA):
CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCTTGTTCTGGAG
GCAGCTCCAACATCGGAAGTAATTATGTATACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCAT
CTATGGTAACAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCC
CTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATG
GTGTGGTATTCGGCGGAGGAACCAAGCTGACGGTCCTA

SEQ ID NO:55 (polypeptide):
FSNYGMYW

SEQ ID NO:56 (polypeptide):
VAVISYDGTNKYYVDSVKGR

SEQ ID NO:57 (polypeptide):
AKDLPKWGGFDS

SEQ ID NO:58 (polypeptide):
SGGSSNIGSNYVY

SEQ ID NO:59 (polypeptide):

GNSNRPS

SEQ ID NO:60 (polypeptide):
CAAWDDSLNGVV

SEQ ID NO:61 (polypeptide):
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AVPAANTVKFRCPAGGNPMPTMRWLKNGKEFKQEHRIGGYKVRNQHWSLIMESVVPSDKGNYTCVVENEYGSI
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HSGINSSNAEVLALFNVTEADAGEYICKVSNYIGQANQSAWLTVLPKQQAPGREKEITASPDYLEIAIYCIGV
FLIACMVVTVILCRMKNTTKKPDFSSQPAVHKLTKRIPLRRQVTVSAESSSSMNSNTPLVRITTRLSSTADTP
MLAGVSEYELPEDPKWEFPRDKLTLGKPLGEGCFGQVVMAEAVGIDKDKPKEAVTVAVKMLKDDATEKDLSDL
VSEMEMMKMIGKHKNIINLLGACTQDGPLYVIVEYASKGNLREYLRARRPPGMEYSYDINRVPEEQMTFKDLV
SCTYQLARGMEYLASQKCIHRDLAARNVLVTENNVMKIADFGLARDINNIDYYKKTTNGRLPVKWMAPEALFD
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KQLVEDLDRILTLTTNEI

SEQ ID NO:62 (polypeptide):
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VTEADAGEYICKVSNYIGQANQSAWLTVLPKQQAPGREKEITASPDYLEIAIYCIGVFLIACMVVTVILCRMK
NTTKKPDFSSQPAVHKLTKRIPLRRQVTVSAESSSSMNSNTPLVRITTRLSSTADTPMLAGVSEYELPEDPKW
EFPRDKLTLGKPLGEGCFGQVVMAEAVGIDKDKPKEAVTVAVKMLKDDATEKDLSDLVSEMEMMKMIGKHKNI
INLLGACTQDGPLYVIVEYASKGNLREYLRARRPPGMEYSYDINRVPEEQMTFKDLVSCTYQLARGMEYLASQ
KCIHRDLAARNVLVTENNVMKIADFGLARDINNIDYYKKTTNGRLPVKWMAPEALFDRVYTHQSDVWSFGVLM
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SEQ ID NO:63 (polypeptide):
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SEQ ID NO:64 (polypeptide):
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SEQ ID NO:65 (polypeptide):
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SEQ ID NO:66 (polypeptide):
RPSFNLVEDTTLEPE

SEQ ID NO:67 (polypeptide):
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VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:68 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGNNYVSWYQQLPGTAPKLLIYENYNRPAGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCSSWDDSLNYWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPG
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SEQ ID NO:69 (polypeptide):
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NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
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LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:70 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPG
AVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:71 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGTSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYNWNHGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:72 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGNNYVSWYQQLPGTAPKLLIYENYNRPAGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCSSWDDSLNYWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:73 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGTSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYNWNHGDWFDPWGQGTLVTVSS

SEQ ID NO:74 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGNNYVSWYQQLPGTAPKLLIYENYNRPAGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCSSWDDSLNYWVFGGGTKLTVL

SEQ ID NO:75 (polypeptide):
FSSYAMSW

SEQ ID NO:76 (polypeptide):
VSAISGSGTSTYYADSVKGR

SEQ ID NO:77 (polypeptide):
ARVRYNWNHGDWFDP

SEQ ID NO:78 (polypeptide):
SGSSSNIGNNYVS

SEQ ID NO:79 (polypeptide):
ENYNRPA

SEQ ID NO:80 (polypeptide):
CSSWDDSLNYWV

SEQ ID NO:81 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWGEGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:82 (polypeptide):

AQSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRSSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:83 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWGEGDWFDPWGQGTLVTVSS

SEQ ID NO:84 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRSSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVL

SEQ ID NO:85 (polypeptide):
FSSYAMSW

SEQ ID NO:86 (polypeptide):
VSAISKSGGSTFYADSVKGR

SEQ ID NO:87 (polypeptide):
ARVRYIWGEGDWFDP

SEQ ID NO:88 (polypeptide):
SGSSSNIGENYVS

SEQ ID NO:89 (polypeptide):
ENYKRSS

SEQ ID NO:90 (polypeptide):
CAAWDDSLNSWV

SEQ ID NO:91 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISRSGGSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:92 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYNRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:93 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISRSGGSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSS

SEQ ID NO:94 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVL

SEQ ID NO:95 (polypeptide):
FSSYAMSW

SEQ ID NO:96 (polypeptide):
VSAISRSGGSTYYADSVKGR

SEQ ID NO:97 (polypeptide):
ARVRYIWNEGDWFDP

SEQ ID NO:98 (polypeptide):
SGSSSNIGENYVS

SEQ ID NO:99 (polypeptide):
ENYNRPS

SEQ ID NO:100 (polypeptide):
CAAWDDSLNSWV

SEQ ID NO:101 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYKWGEGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:102 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSGNSWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:103 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYKWGEGDWFDPWGQGTLVTVSS

SEQ ID NO:104 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSGNSWVFGGGTKLTVL

SEQ ID NO:105 (polypeptide):
FSSYAMSW

SEQ ID NO:106 (polypeptide):
VSAISKSGGSTFYADSVKGR

SEQ ID NO:107 (polypeptide):
ARVRYKWGEGDWFDP

SEQ ID NO:108 (polypeptide):
SGSSSNIGENYVS

SEQ ID NO:109 (polypeptide):
ENYKRPS

SEQ ID NO:110 (polypeptide):
CAAWDDSGNSWV

SEQ ID NO:111 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISRSGGSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:112 (polypeptide):

AQSVLTQPPSASGTPGQRVTISCSGSSSNIGNNYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLPGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:113 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISRSGGSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSS

SEQ ID NO:114 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGNNYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLPGWVFGGGTKLTVL

SEQ ID NO:115 (polypeptide):
FSSYAMSW

SEQ ID NO:116 (polypeptide):
VSAISRSGGSTYYADSVKGR

SEQ ID NO:117 (polypeptide):
ARVRYIWNEGDWFDP

SEQ ID NO:118 (polypeptide):
SGSSSNIGNNYVS

SEQ ID NO:119 (polypeptide):
ENYKRPS

SEQ ID NO:120 (polypeptide):
CAAWDDSLPGWV

SEQ ID NO:121 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:122 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:123 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNEGDWFDPWGQGTLVTVSS

SEQ ID NO:124 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVL

SEQ ID NO:125 (polypeptide):
FSSYAMSW

SEQ ID NO:126 (polypeptide):
VSAISKSGGSTFYADSVKGR

SEQ ID NO:127 (polypeptide):
ARVRYIWNEGDWFDP

SEQ ID NO:128 (polypeptide):
SGSSSNIGENYVS

SEQ ID NO:129 (polypeptide):
ENYKRPS

SEQ ID NO:130 (polypeptide):
CAAWDDSLNGWV

SEQ ID NO:131 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNHGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPG

SEQ ID NO:132 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:133 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISKSGGSTFYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYIWNHGDWFDPWGQGTLVTVSS

SEQ ID NO:134 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGENYVSWYQQLPGTAPKLLIYENYKRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNSWVFGGGTKLTVL

SEQ ID NO:135 (polypeptide):
FSSYAMSW

SEQ ID NO:136 (polypeptide):
VSAISKSGGSTFYADSVKGR

SEQ ID NO:137 (polypeptide):
ARVRYIWNHGDWFDP

SEQ ID NO:138 (polypeptide):
SGSSSNIGENYVS

SEQ ID NO:139 (polypeptide):
ENYKRPS

SEQ ID NO:140 (polypeptide):
CAAWDDSLNSWV

SEQ ID NO:141 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFRTSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:142 (polypeptide):

AQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:143 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFRTSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSS

SEQ ID NO:144 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGWVFGGGTKLTVL

SEQ ID NO:145 (polypeptide):
FRTSGMHW

SEQ ID NO:146 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:147 (polypeptide):
ARESPGYDFEY

SEQ ID NO:148 (polypeptide):
SGSSSNIGSNTVN

SEQ ID NO:149 (polypeptide):
GNSNRPS

SEQ ID NO:150 (polypeptide):
CAAWDDSLNGWV

SEQ ID NO:151 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPLYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:152 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLDGWTFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:153 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPLYDFEYWGQGTLVTVSS

SEQ ID NO:154 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLDGWTFGGGTKLTVL

SEQ ID NO:155 (polypeptide):
FSHSGMHW

SEQ ID NO:156 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:157 (polypeptide):
AREQPLYDFEY

SEQ ID NO:158 (polypeptide):
SGSSSNIGDNGVN

SEQ ID NO:159 (polypeptide):
GASERPS

SEQ ID NO:160 (polypeptide):
CAAWDDSLDGWT

SEQ ID NO:161 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPLYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:162 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYEASERPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:163 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPLYDFEYWGQGTLVTVSS

SEQ ID NO:164 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYEASERPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVL

SEQ ID NO:165 (polypeptide):
FSHSGMHW

SEQ ID NO:166 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:167 (polypeptide):
AREQPLYDFEY

SEQ ID NO:168 (polypeptide):
SGSSSNIGDNTVN

SEQ ID NO:169 (polypeptide):
EASERPS

SEQ ID NO:170 (polypeptide):
CAAWDDSLDGWV

SEQ ID NO:171 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPVYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:172 (polypeptide):

AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYEASNRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNGWTFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:173 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPVYDFEYWGQGTLVTVSS

SEQ ID NO:174 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYEASNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGWTFGGGTKLTVL

SEQ ID NO:175 (polypeptide):
FSHSGMHW

SEQ ID NO:176 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:177 (polypeptide):
AREQPVYDFEY

SEQ ID NO:178 (polypeptide):
SGSSSNIGDNTVN

SEQ ID NO:179 (polypeptide):
EASNRPS

SEQ ID NO:180 (polypeptide):
CAAWDDSLNGWT

SEQ ID NO:181 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSTSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:182 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:183 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSTSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARESPGYDFEYWGQGTLVTVSS

SEQ ID NO:184 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVL

SEQ ID NO:185 (polypeptide):
FSTSGMHW

SEQ ID NO:186 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:187 (polypeptide):
ARESPGYDFEY

SEQ ID NO:188 (polypeptide):
SGSSSNIGDNGVN

SEQ ID NO:189 (polypeptide):
GASERPS

SEQ ID NO:190 (polypeptide):
CAAWDDSLDGWV

SEQ ID NO:191 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREAPGYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:192 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLNGWTFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:193 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREAPGYDFEYWGQGTLVTVSS

SEQ ID NO:194 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNTVNWYQQLPGTAPKLLIYGASERPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLNGWTFGGGTKLTVL

SEQ ID NO:195 (polypeptide):
FSHSGMHW

SEQ ID NO:196 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:197 (polypeptide):
AREAPGYDFEY

SEQ ID NO:198 (polypeptide):
SGSSSNIGDNTVN

SEQ ID NO:199 (polypeptide):
GASERPS

SEQ ID NO:200 (polypeptide):
CAAWDDSLNGWT

SEQ ID NO:201 (polypeptide):
EVQLLESGGGLVQPGGSMRLSCAASGFTFSSSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPGYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:202 (polypeptide):

AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYEASERPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:203 (polypeptide):
EVQLLESGGGLVQPGGSMRLSCAASGFTFSSSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREQPGYDFEYWGQGTLVTVSS

SEQ ID NO:204 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYEASERPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVL

SEQ ID NO:205 (polypeptide):
FSSSGMHW

SEQ ID NO:206 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:207 (polypeptide):
AREQPGYDFEY

SEQ ID NO:208 (polypeptide):
SGSSSNIGDNGVN

SEQ ID NO:209 (polypeptide):
EASERPS

SEQ ID NO:210 (polypeptide):
CAAWDDSLDGWV

SEQ ID NO:211 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREAPLYDFEYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYT
QKSLSLSPG

SEQ ID NO:212 (polypeptide):
AQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASNRPSGVPDRFSGSKSGTSA
SLAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFCP
GAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

SEQ ID NO:213 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSHSGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCAREAPLYDFEYWGQGTLVTVSS

SEQ ID NO:214 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGDNGVNWYQQLPGTAPKLLIYGASNRPSGVPDRFSGSKSGTSAS
LAISGLRSEDEADYYCAAWDDSLDGWVFGGGTKLTVL

SEQ ID NO:215 (polypeptide):
FSHSGMHW

SEQ ID NO:216 (polypeptide):
VAVISYDGSNKYYADSVKGR

SEQ ID NO:217 (polypeptide):
AREAPLYDFEY

SEQ ID NO:218 (polypeptide):
SGSSSNIGDNGVN

SEQ ID NO:219 (polypeptide):
GASNRPS

SEQ ID NO:220 (polypeptide):
CAAWDDSLDGWV

SEQ ID NO:221 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGTSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYNWNHGDWFDPWGQGTLVTVSSAKTTAPSVYPLAPVCGDTTGSSVT
LGCLVKGYFPEPVTLTWNSGSLSSGVHTFPAVLQSDLYTLSSSVTVTSSTWPSQSITCNVAHPASSTKVDKKI
EPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMISLSPIVTCVVVDVSEDDPDVQISWFVNNVEVHTA
QTQTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPAPIERTISKPKGSVRAPQVYVLPPPEEEMTK
KQVTLTCMVTDFMPEDIYVEWTNNGKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLH
NHHTTKSFSRTPGK

SEQ ID NO:222 (polypeptide)
QVELLESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGTSTYYADSVKGRFTISRD
NSKNTLYLQMNSLRAEDTAVYYCARVRYNWNHGDWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAA
LGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPGK