Figures

Figure 1

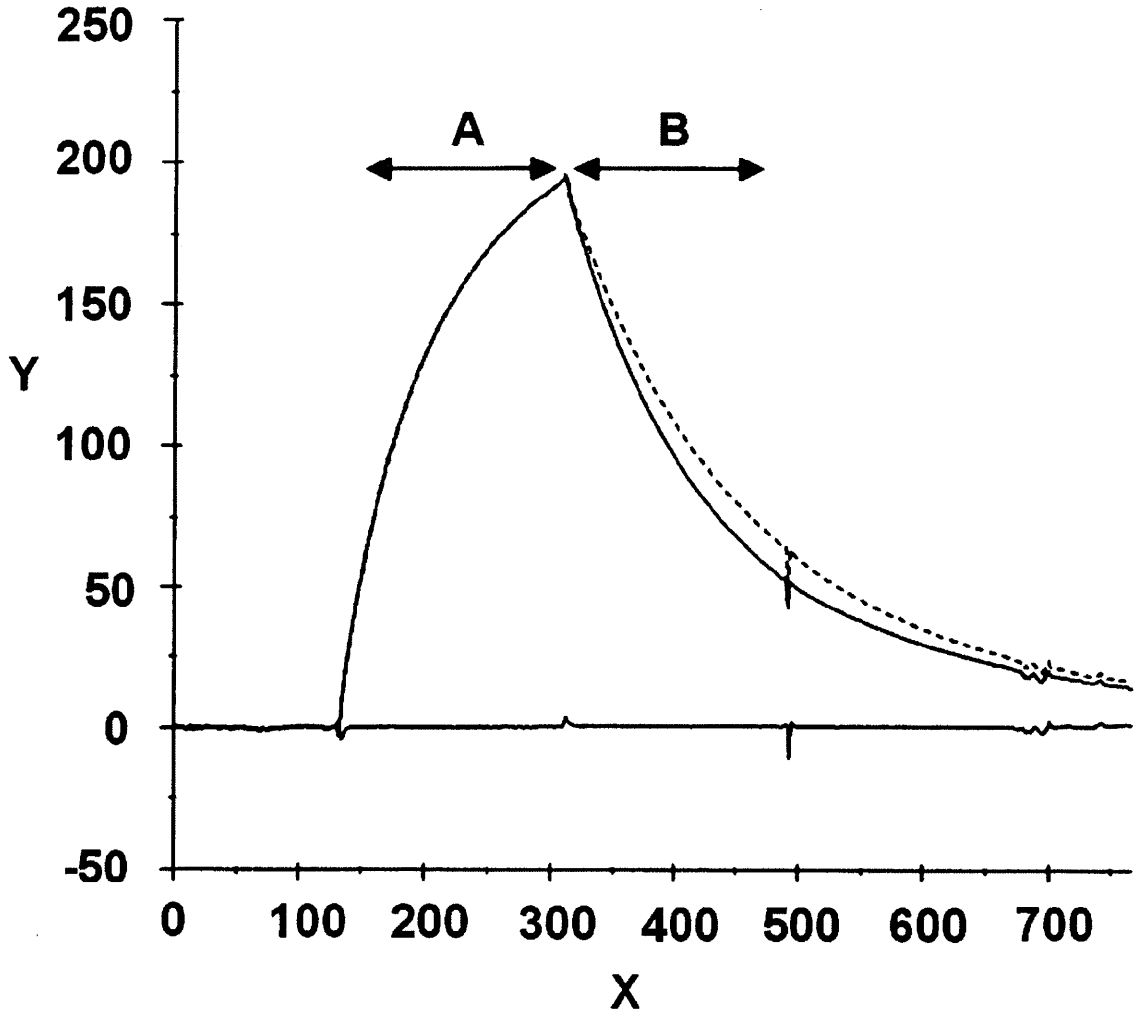
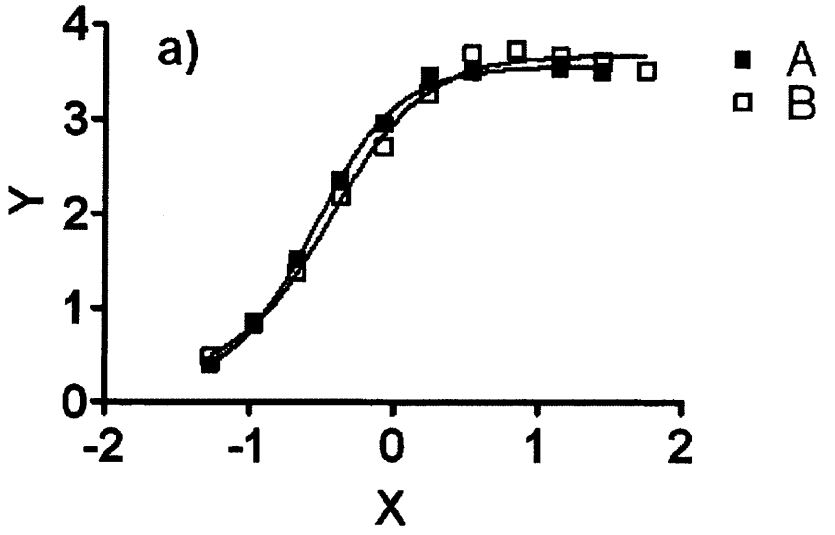


Figure 2



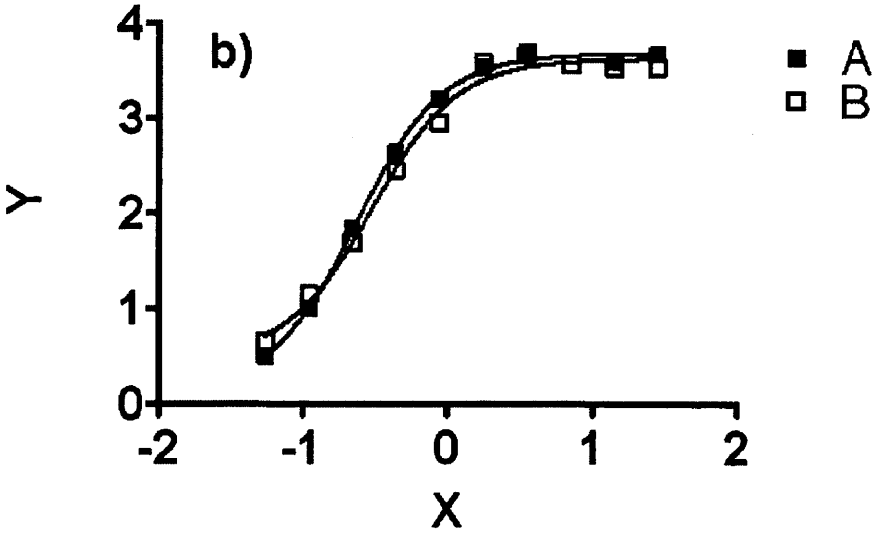
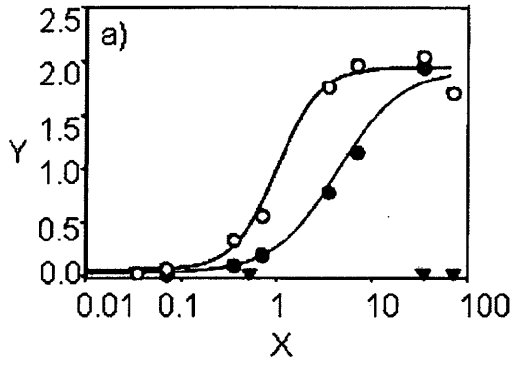
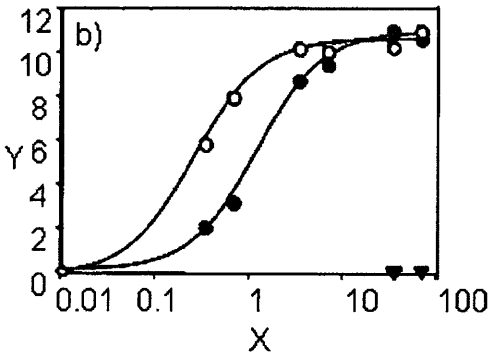
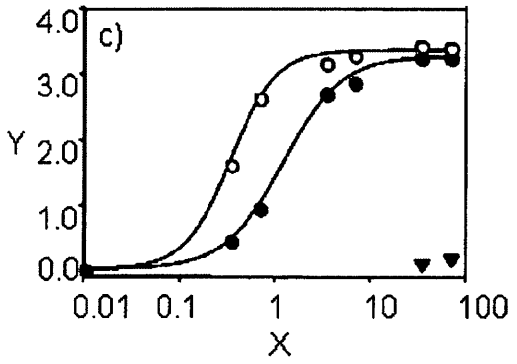
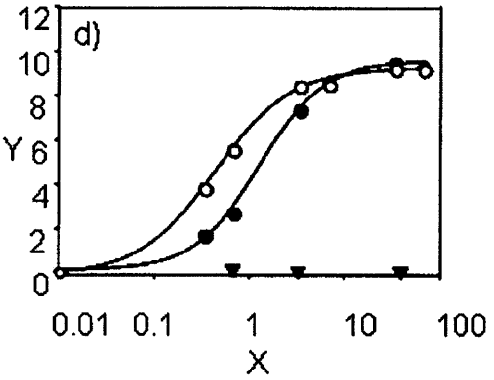


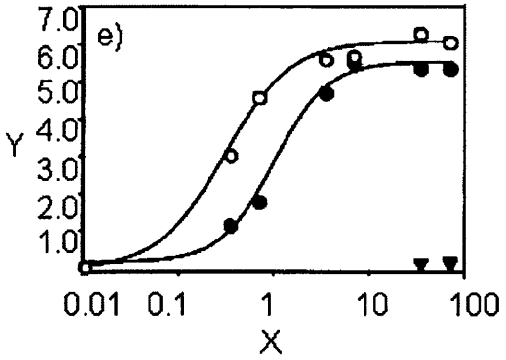
Figure 3











f)

Tumor celllines	EC50 (nM) M31-B01	M20-D02S-A
A549:C4.4a	1.9	4.3
NCI H322	0.3	1.2
NCI H292	0.3	1.3
H1975/BCRP	0.4	1.3
BxPC3	0.3	1.0

Figure 4

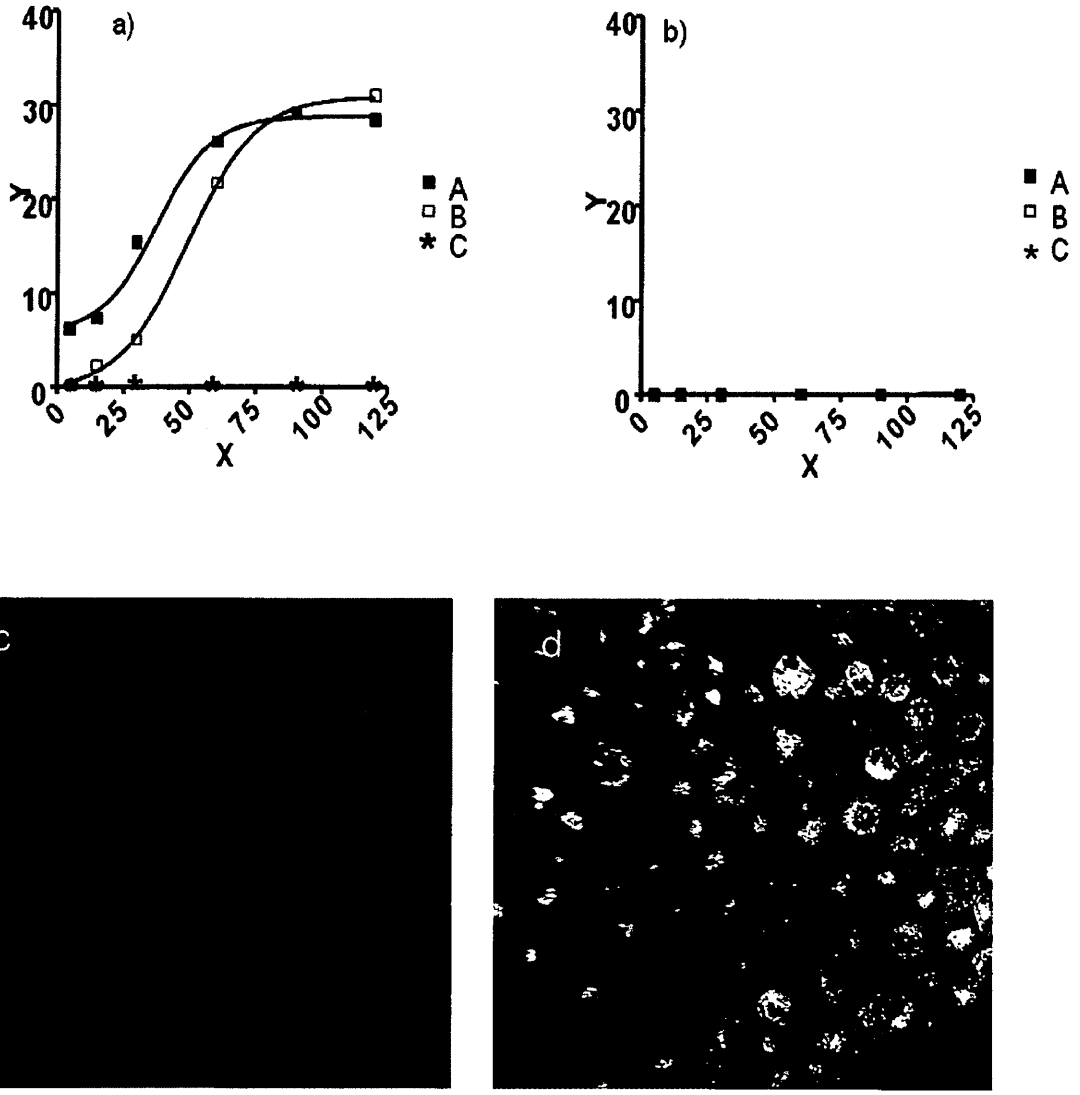


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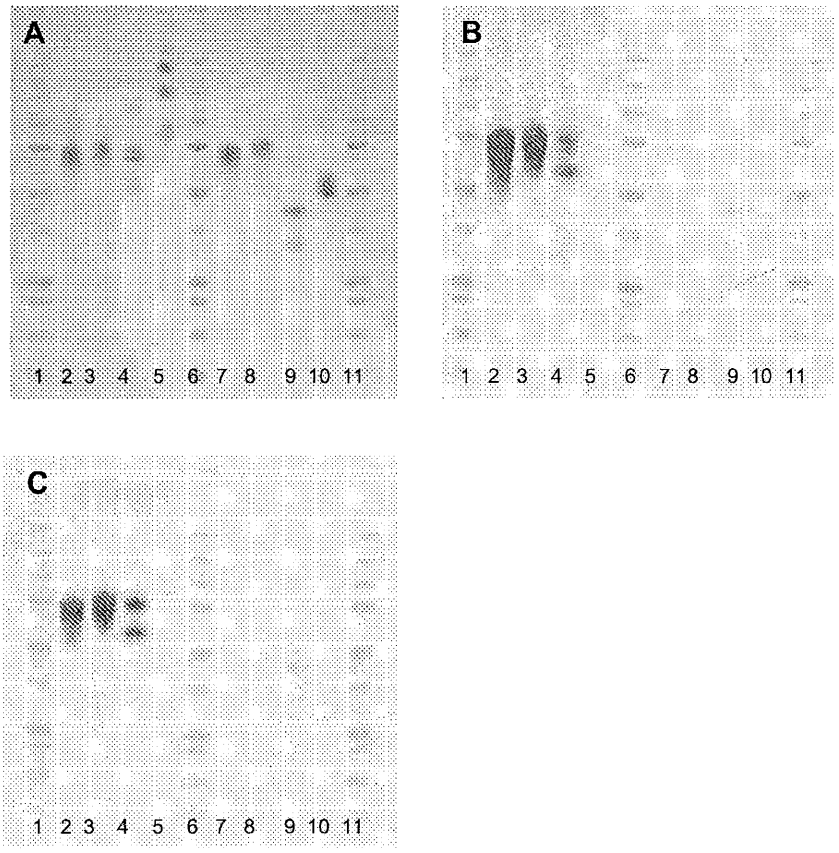


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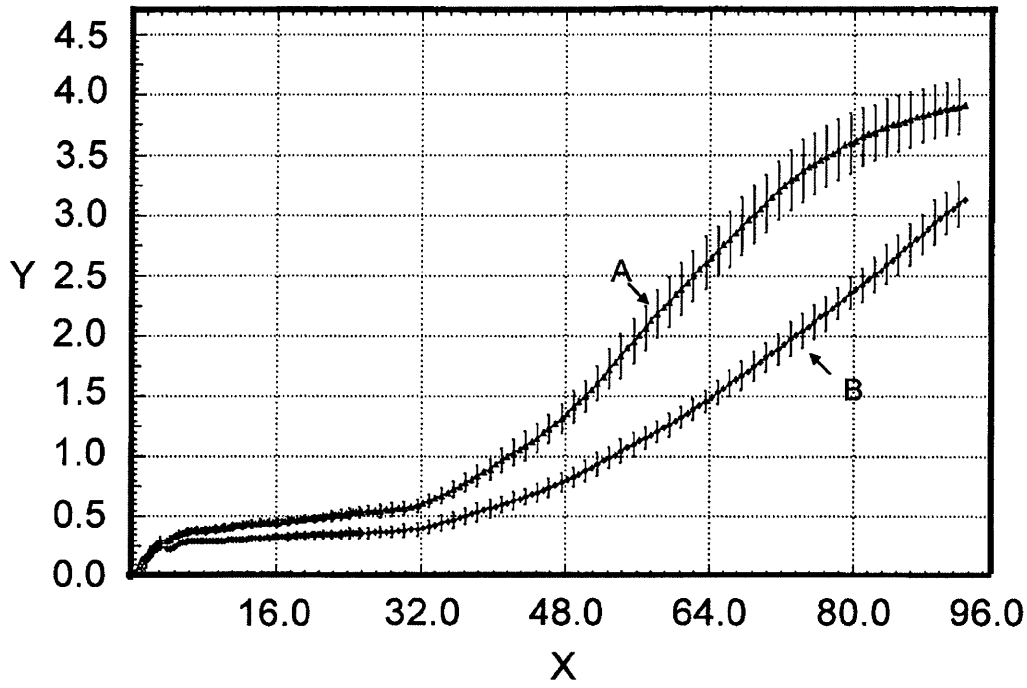


Figure 7:

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SEQ ID NO:3 (polypeptide):
mdparkagaqamiwtagwlllllrggaqalecyscvqkaddgcspnkmktvkcapgvdvcteavgavet
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SEQ ID NO:5 (polypeptide):

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SEQ ID NO:6 (polypeptide):
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SEQ ID NO:7 (polypeptide):
FGHYYMFWI

SEQ ID NO:8 (polypeptide):
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SEQ ID NO:9 (polypeptide):
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SEQ ID NO:10 (polypeptide):
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SEQ ID NO:11 (polypeptide):
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SEQ ID NO:12 (polypeptide):
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SEQ ID NO:13 (polypeptide):
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SEQ ID NO:14 (polypeptide):
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SEQ ID NO:15 (polypeptide):
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SEQ ID NO:16 (polypeptide):
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SEQ ID NO:18 (polypeptide):
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SEQ ID NO:19 (polypeptide):
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SEQ ID NO:20 (polypeptide):
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SEQ ID NO:21 (polypeptide):
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SEQ ID NO:22 (polypeptide):
RNNQRPS

SEQ ID NO:23 (polypeptide):
SNNQRPS

SEQ ID NO:24 (polypeptide):
SNNQRPS

SEQ ID NO:25 (polypeptide):
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SEQ ID NO:26 (polypeptide):

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SEQ ID NO:27 (polypeptide):
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SEQ ID NO:29 (polypeptide):
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SEQ ID NO:46 (polypeptide):
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SEQ ID NO:47 (polypeptide):
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SEQ ID NO:48 (polypeptide):
TGSSSNIGAGYVVH

SEQ ID NO:49 (polypeptide):
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SEQ ID NO:50 (polypeptide):
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SEQ ID NO:66 (polypeptide):
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SEQ ID NO:68 (polypeptide):
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SEQ ID NO:69 (polypeptide):
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SEQ ID NO:70 (polypeptide):
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SEQ ID NO:76 (polypeptide):
VSYISSSGSTIYYADSVKGR

SEQ ID NO:77 (polypeptide):
AREGLWAFDY

SEQ ID NO:78 (polypeptide):
TGSSSNIGAGYVVH

SEQ ID NO:79 (polypeptide):
DNNKRPS

SEQ ID NO:80 (polypeptide):
CAAYDDSLSGPV

SEQ ID NO:81 (polypeptide):
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SEQ ID NO:82 (polypeptide):

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FSSAWMSWV

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SEQ ID NO:90 (polypeptide):
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SEQ ID NO:93 (DNA):
gaggtgcagctgctggaaagcggcggaggcctggtgcagcctggcggaagcctgagactgagctgtg
ccgccagcggcttcaccttcagcagcgcctggatgagctgggtccgacaggcccctggcaagggcct
ggaatgggtgtcctacatcagcagcagcggcagcagcacctactacgccgacagcgtgaagggccgg
ttcaccatcagccgggacaacagcaagaacaccctgtacctgcagatgaacagcctgcgggccgagg
acaccgccgtgtactactgcgccagagaaggcctgtgggccttcgataagtggggccagggcaccct
ggtcaccgtcagctca

SEQ ID NO:94 (DNA):
cagagcgtgctgacccagcctcctagcgcctctggcacccctggccagagagtgaccatcagctgca
gcggcagcagcagcaacatcggagccggctacgtggtgcactggtatcagcagctgcccggcaccgc
ccccaagctgctgatctacgacaacaaccagcggcccagcggcgtgcccgacagattttccggcagc
aagagcggcaccagcgccagcctggccatcagcggcctgagaagcgaggacgaggccgactactact
gcgccgccttcgacgacagactgagcggccctgtgttcggcggaggcacaaagttaaccgtgctggg
ccag

SEQ ID NO:95 (polypeptide):
FSDYQMTWI

SEQ ID NO:96 (polypeptide):
VSGVSWNGARTHYADSVKGR

SEQ ID NO:97 (polypeptide):
AKGDYLVYSAYYFDS

SEQ ID NO:98 (polypeptide):
SGSSSNVGSNPVN

SEQ ID NO:99 (polypeptide):
RNNQRPS

SEQ ID NO:100 (polypeptide):
CAAWDDRLNGWV

SEQ ID NO:101 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSDYQMTWIRQTPGKGLEWVSGISWNGGSTHYADSVKGR
FTISRDNSKNTLYLQMNSLRAEDTAVYYCAKGDYLVYSAYYFDSWGQGTLVTVSS

SEQ ID NO:102 (polypeptide):
ESVLTQPPSASGTPGQRVTISCSGSSSNIGSNPVNWYQQLPGTAPKLLIYRNNQRPSGVPDRFSGSK
SGTSASLAISGLRSEDEADYYCAAWDDRLNGWGFGGGTKLTVLGQ

SEQ ID NO:103 (DNA):
gaggtgcagctgctggaaagcggcggaggactggtgcagcctggaggcagcctgagactgtcttgcg
ccgccagcggcttcaccttcagcgactaccagatgacctggatccgacagacccctggcaagggcct
ggaatgggtgtccggcatcagctggaacggaggcagcacccactacgccgacagcgtgaagggccgg
ttcaccatcagccgggacaacagcaagaacaccctgtacctgcagatgaacagcctgcgggccgagg
acaccgccgtgtactactgcgccaagggcgactacctggtgtacagcgcctactacttcgacagctg
gggccagggcaccctggtcaccgtgtctagc

SEQ ID NO:104 (DNA):
gagagcgtgctgacccagcctcctagcgcctctggcacccctggccagagagtgaccatcagctgct
ctggcagcagcagcaacatcggaagcaaccccgtgaactggtatcagcagctgcccggcaccgcccc
caagctgctgatctaccggaacaaccagcggcctagcggcgtgcccgacagattcagcggcagcaag
agcggcaccagcgccagcctggccatcagcggcctgagaagcgaggacgaggccgactactactgcg
ccgcctgggacgacagactgaacggctggggcttcggcggaggcaccaagctgaccgtgctgggaca
g

SEQ ID NO:105 (polypeptide):
FSDYQMTWI

SEQ ID NO:106 (polypeptide):
VSGISWNGGSTHYADSVKGR

SEQ ID NO:107 (polypeptide):
AKGDYLVYSSYYFKS

SEQ ID NO:108 (polypeptide):
SGSSSNIGSNPVN

SEQ ID NO:109 (polypeptide):
RNNQRPS

SEQ ID NO:110 (polypeptide):
CAAWDDRLSGWA

SEQ ID NO:111 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSDYQMTWIRQTPGKGLEWVSGISWNGGSTHYADSVKGR
FTISRDNSKNTLYLQMNSLRAEDTAVYYCAKGDYLVYSSYYFKSWGQGTLVTVSS

SEQ ID NO:112 (polypeptide):

QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNPVNWYQQLPGTAPKLLIYRNNQRPSGVPDRFSGSK
SGTSASLAISGLRSEDEADYYCAAWDDRLSGWAFGGGTKLTVLGQ

SEQ ID NO:113 (DNA):
gaggtgcagctgctggaatccggcggaggcctggtgcagcctggcggatctctgagactgtcctgcg
ccgcctccggcttcaccttctccgactaccagatgacctggatcagacagacccccggcaagggcct
ggaatgggtgtccggcatctcctggaacggcggctccacccactacgccgactctgtgaagggccgg
ttcaccatctcccgggacaactccaagaacaccctgtacctgcagatgaactccctgcgggccgagg
acaccgccgtgtactactgcgccaagggcgactacctggtgtactcctcctactacttcaagtcctg
gggccagggcaccctggtcaccgtcagctca

SEQ ID NO:114 (DNA):
cagtccgtgctgacccagcctccttccgcctctggcacccctggccagagagtgaccatctcctgct
ccggctcctcctccaacatcggctccaaccccgtgaactggtatcagcagctgcccggcaccgcccc
caagctgctgatctaccggaacaaccagcggccctccggcgtgcccgacagattctccggctccaag
tccggcacctccgcctccctggccatctccggcctgagatctgaggacgaggccgactactactgcg
ccgcctgggacgaccggctgtctggctgggcttttggcggcggaacaaagttaaccgtgctgggcca
g

SEQ ID NO:115 (polypeptide):
FSDYQMTWI

SEQ ID NO:116 (polypeptide):
VSGISWNGGSTHYADSVKGR

SEQ ID NO:117 (polypeptide):
AKGDYLVYKSYYFKS

SEQ ID NO:118 (polypeptide):
SGSSSNIGSNPVN

SEQ ID NO:119 (polypeptide):
RNNQRPS

SEQ ID NO:120 (polypeptide):
CAAWDDSLSGWA

SEQ ID NO:121 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSDYQMTWIRQTPGKGLEWVSGISWNGGSTHYADSVKGR
FTISRDNSKNTLYLQMNSLRAEDTAVYYCAKGDYLVYKSYYFKSWGQGTLVTVSS

SEQ ID NO:122 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNPVNWYQQLPGTAPKLLIYRNNQRPSGVPDRFSGSK
SGTSASLAISGLRSEDEADYYCAAWDDSLSGWAFGGGTKLTVLGQ

SEQ ID NO:123 (DNA):
gaggtgcagctgctggaatccggcggaggcctggtgcagcctggcggatctctgagactgtcctgcg
ccgcctccggcttcaccttctccgactaccagatgacctggatcagacagacccccggcaagggcct
ggaatgggtgtccggcatctcctggaacggcggctccacccactacgccgactctgtgaagggccgg
ttcaccatctcccgggacaactccaagaacaccctgtacctgcagatgaactccctgcgggccgagg
acaccgccgtgtactactgcgccaagggcgactacctggtgtacaagtcctactacttcaagtcctg
gggccagggcaccctggtcaccgtcagctca

SEQ ID NO:124 (DNA):
cagtccgtgctgacccagcctccttccgcctctggcacccctggccagagagtgaccatctcctgct
ccggctcctcctccaacatcggctccaaccccgtgaactggtatcagcagctgcccggcaccgcccc
caagctgctgatctaccggaacaaccagcggccctccggcgtgcccgacagattctccggctccaag
tccggcacctccgcctccctggccatctccggcctgagatctgaggacgaggccgactactactgcg
ccgcctgggacgactccctgtctggctgggcttttggcggcggaacaaagttaaccgtgctgggcca
g

SEQ ID NO:125 (polypeptide):
FSDYQMTWI

SEQ ID NO:126 (polypeptide):
VSGISWNGGSTHYADSVKGR

SEQ ID NO:127 (polypeptide):
AKGDYLVYSSYYFKS

SEQ ID NO:128 (polypeptide):
SGSSSNIGSNPVN

SEQ ID NO:129 (polypeptide):
RNNQRPS

SEQ ID NO:130 (polypeptide):
CAAWDDRLSGWG

SEQ ID NO:131 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSDYQMTWIRQTPGKGLEWVSGISWNGGSTHYADSVKGR
FTISRDNSKNTLYLQMNSLRAEDTAVYYCAKGDYLVYSSYYFKSWGQGTLVTVSS

SEQ ID NO:132 (polypeptide):
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNPVNWYQQLPGTAPKLLIYRNNQRPSGVPDRFSGSK
SGTSASLAISGLRSEDEADYYCAAWDDRLSGWGFGGGTKLTVLGQ

SEQ ID NO:133 (DNA):
gaggtgcagctgctggaatccggcggaggcctggtgcagcctggcggatctctgagactgtcctgcg
ccgcctccggcttcaccttctccgactaccagatgacctggatcagacagaccccggcaagggcct
ggaatgggtgtccggcatctcctggaacggcggctccacccactacgccgactctgtgaagggccgg
ttcaccatctcccgggacaactccaagaacaccctgtacctgcagatgaactccctgcgggccgagg
acaccgccgtgtactactgcgccaagggcgactacctggtgtactcctcctactacttcaagtcctg
gggccagggcaccctggtcaccgtcagctca

SEQ ID NO:134 (DNA):
cagtccgtgctgacccagcctccttccgcctctggcacccctggccagagagtgaccatctcctgct
ccggctcctcctccaacatcggctccaaccccgtgaactggtatcagcagctgcccggcaccgcccc
caagctgctgatctaccggaacaaccagcggccctccggcgtgcccgacagattctccggctccaag
tccggcacctccgcctccctggccatctccggcctgagatctgaggacgaggccgactactactgcg
ccgcctgggacgaccggctgtctggctggggatttggcggcggaacaaagttaaccgtgctgggcca
g

SEQ ID NO:135 (polypeptide):
FSSYQMTWI

SEQ ID NO:136 (polypeptide):
VSGISWNGGSTHYADSVKGR

SEQ ID NO:137 (polypeptide):
AKGDYLVYKSYYFKS

SEQ ID NO:138 (polypeptide):
SGSSSNIGSNPVN

SEQ ID NO:139 (polypeptide):
RNNQRPS

SEQ ID NO:140 (polypeptide):
CAAWDDSLSGWA

SEQ ID NO:141 (polypeptide):
EVQLLESGGGLVQPGGSLRLSCAASGFTFSSYQMTWIRQAPGKGLEWVSGISWNGGSTHYADSVKGR
FTISRDNSKNTLYLQMNSLRAEDTAVYYCAKGDYLVYKSYYFKSWGQGTLVTVSS

SEQ ID NO:142 (polypeptide):

QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNPVNWYQQLPGTAPKLLIYRNNQRPSGVPDRFSGSK
SGTSASLAISGLRSEDEADYYCAAWDDSLSGWAFGGGTKLTVLGQ

SEQ ID NO:143 (DNA):
gaggtgcagctgctggaaagcggcggaggcctggtgcagcctggcggaagcctgagactgagctgtg
ccgccagcggcttcaccttcagcagctaccagatgacctggatcagacaggcccctggcaagggcct
ggaatgggtgtccggcatcagctggaacggcggcagcacccactacgccgacagcgtgaagggccgg
ttcaccatcagccgggacaacagcaagaacaccctgtacctgcagatgaacagcctgcgggccgagg
acaccgccgtgtactactgcgccaagggcgactacctggtgtacaagagctactacttcaagagctg
gggccagggcacactggtcaccgtcagctca

SEQ ID NO:144 (DNA):
cagagcgtgctgacccagcctcctagcgcctctggcaccctggccagagagtgaccatcagctgca
gcggcagcagcagcaacatcggcagcaaccccgtgaactggtatcagcagctgcccggcaccgcccc
caagctgctgatctaccggaacaaccagcggcccagcggcgtgcccgacagattttccggcagcaag
agcggcaccagcgccagcctggccatcagcggcctgagaagcgaggacgaggccgactactactgcg
ccgcctgggacgatagcctgagcggctgggcctttggcggcggaacaaagttaaccgtgctgggcca
g