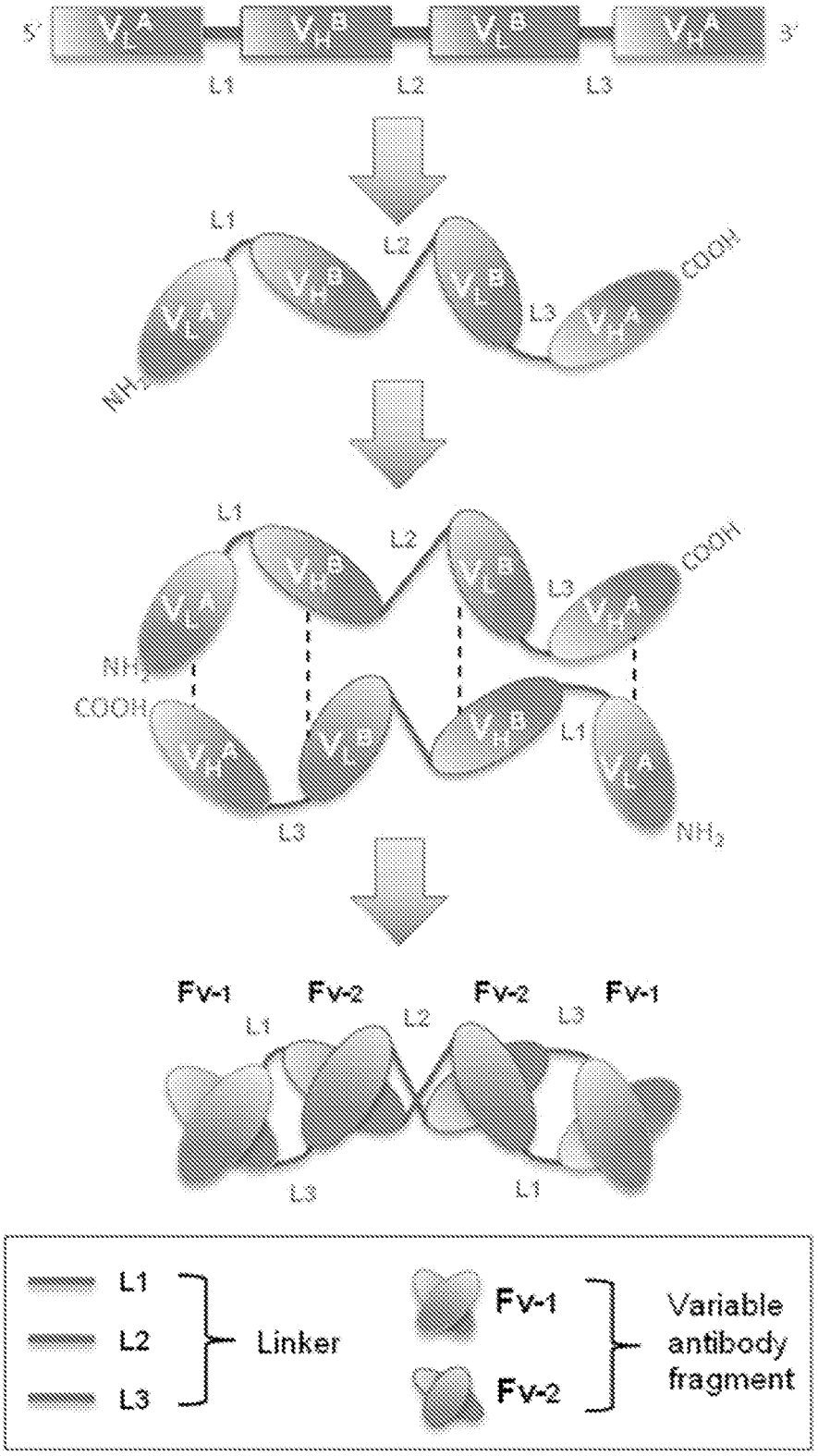

5'
3'
L1
L2
L3
COOH
NH2
Fv-1
Fv-2
Fv-2
Fv-1
Linker
Variable antibody fragment

Figure 1

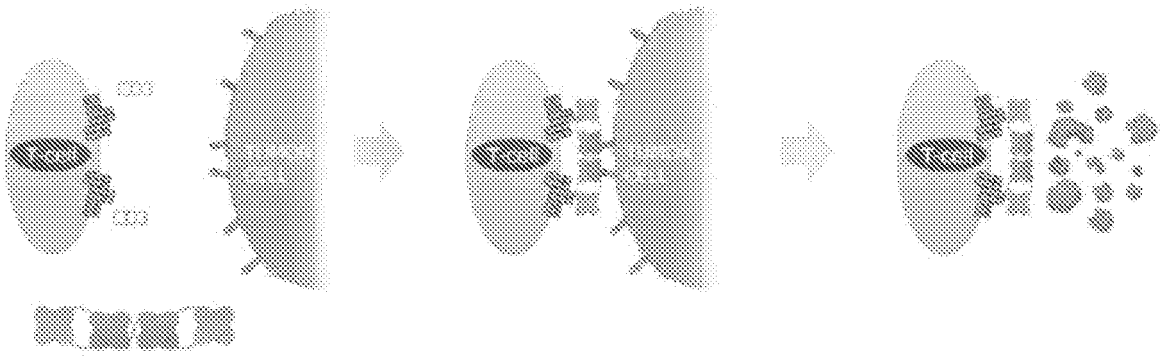


Figure 2

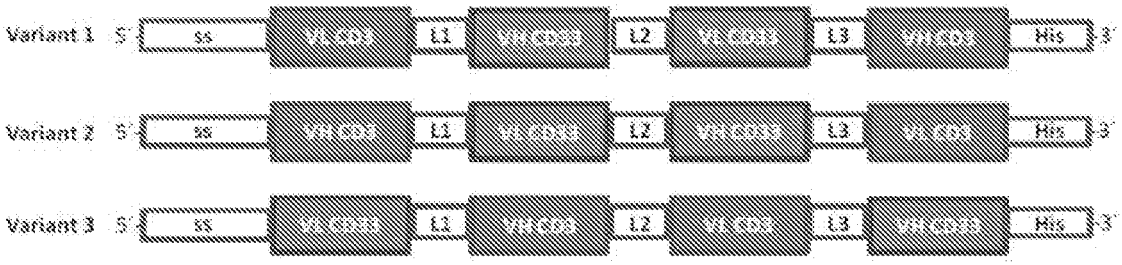


Figure 3

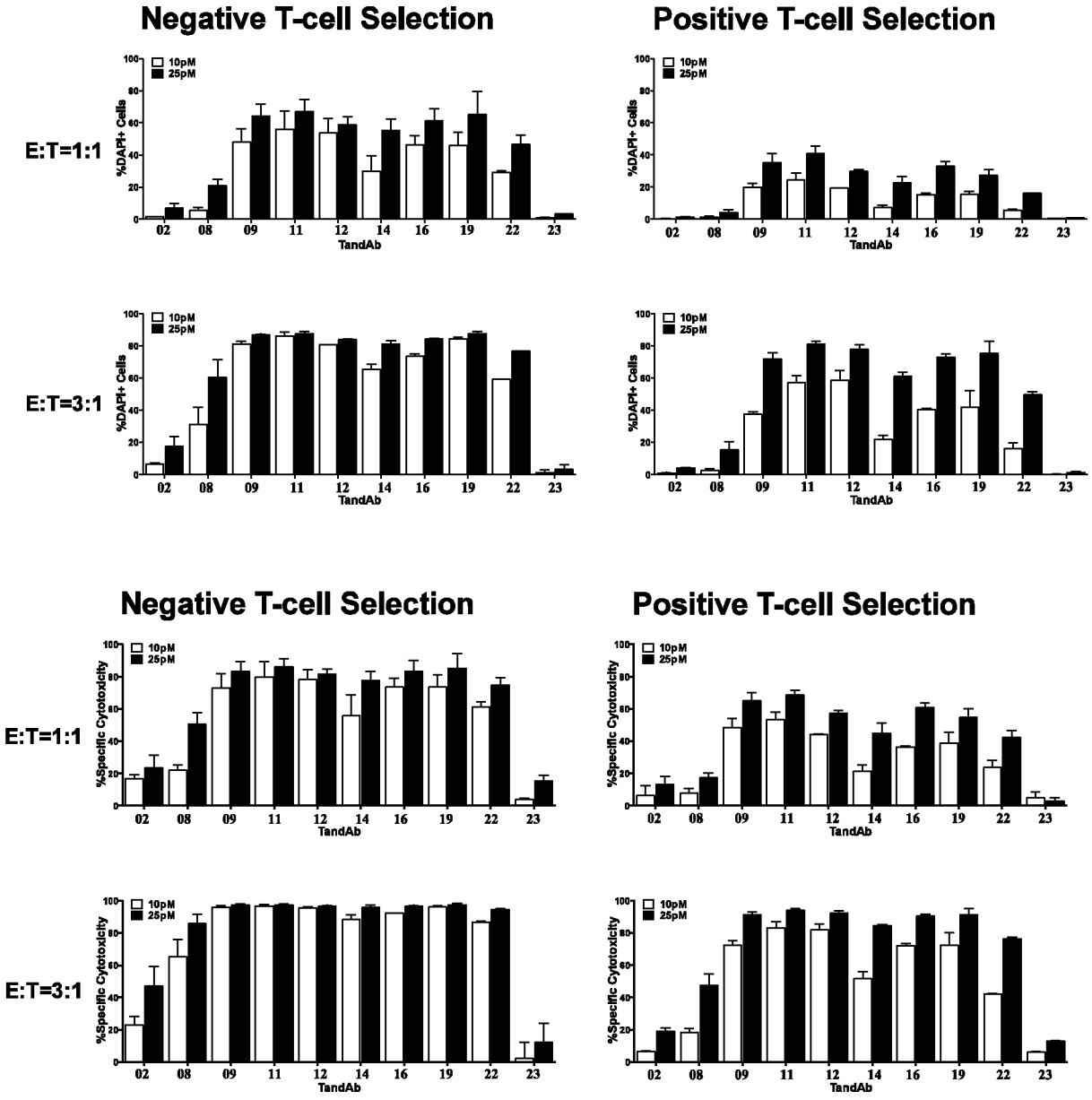

Negative T-cell Selection
Positive T-cell Selection
E:T=1:1
E:T=3:1
10pM
25pM
%DAPI+ Cells
%Specific Cytotoxicity
TandAb
02
08
09
11
12
14
16
19
22
23

Figure 4

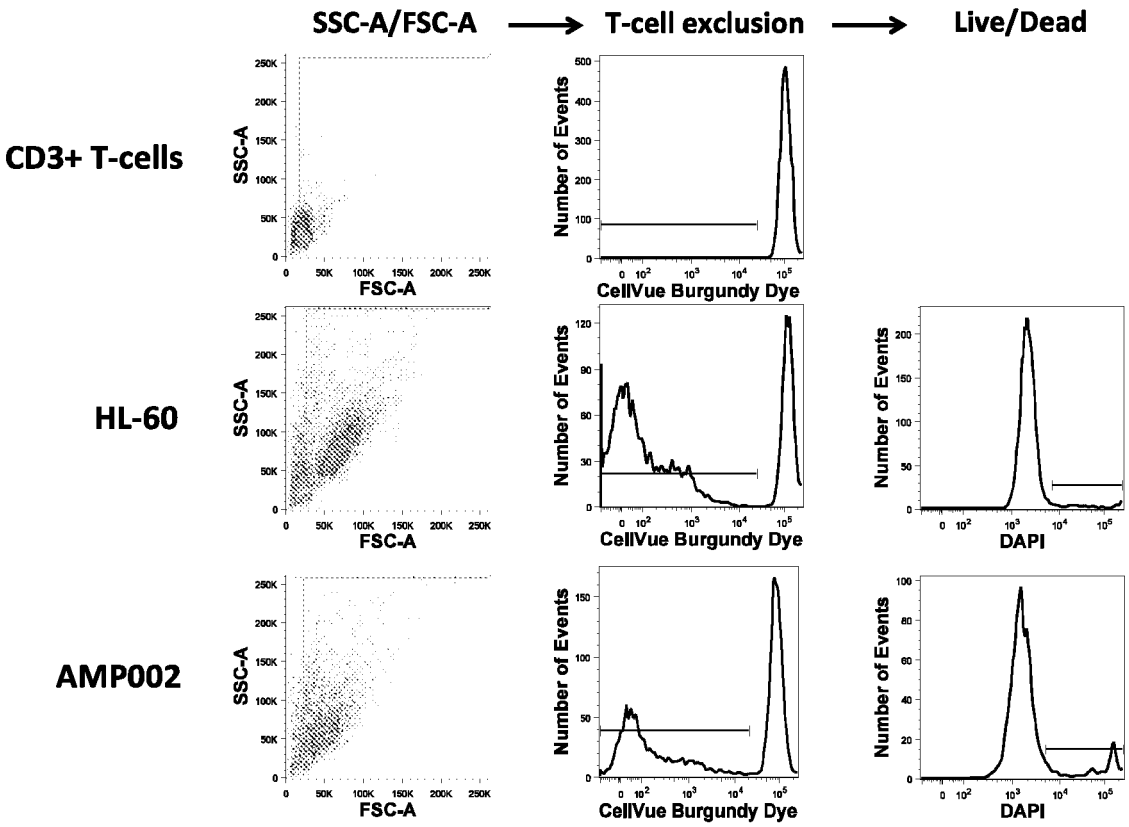

SSC-A/FSC-A
T-cell exclusion
Live/Dead
CD3+ T-cells
HL-60
AMP002
SSC-A
FSC-A
Number of Events
CellVue Burgundy Dye
DAPI

Figure 5

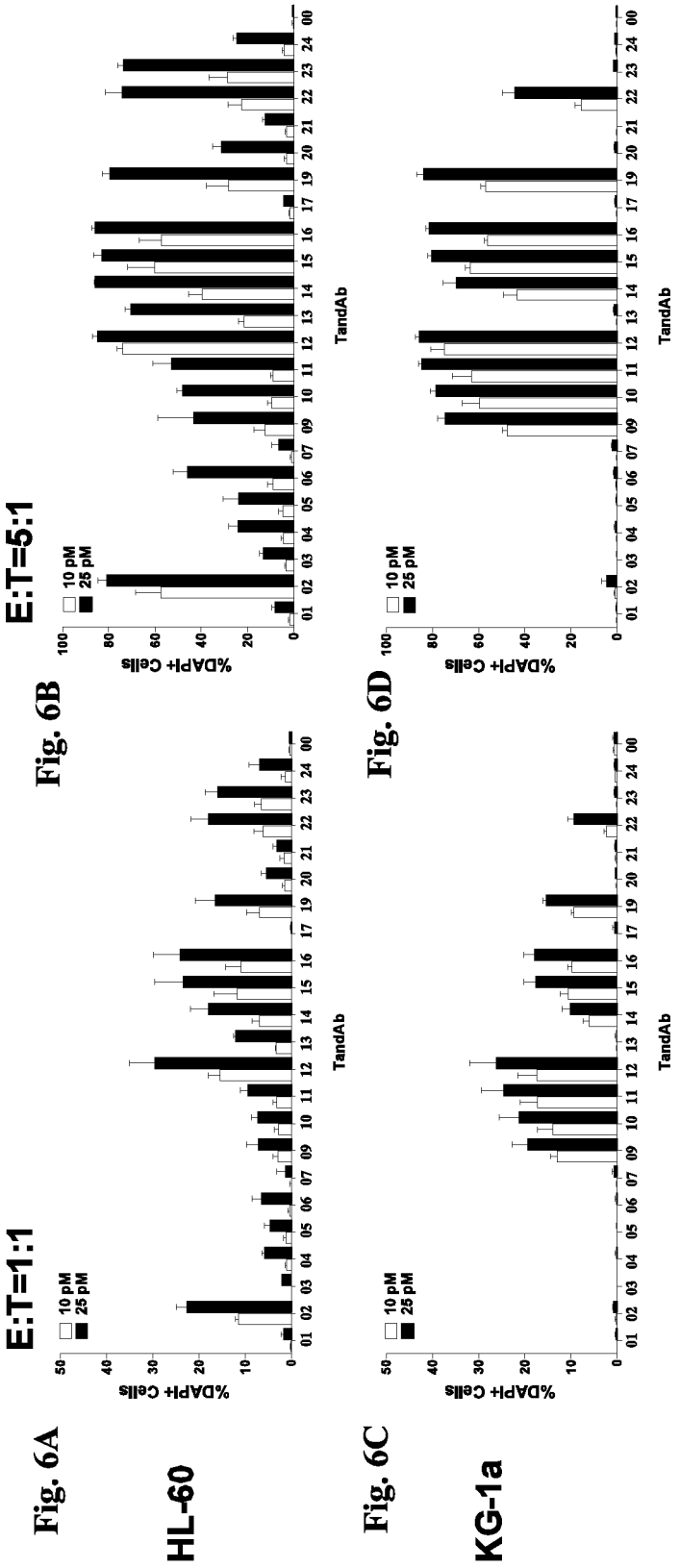

E:T=1:1
E:T=5:1
10 pM
25 pM
%DAPI+ Cells
TandAb
HL-60
KG-1a
Fig. 6A
Fig. 6B
Fig. 6C
Fig. 6D

Figure 6

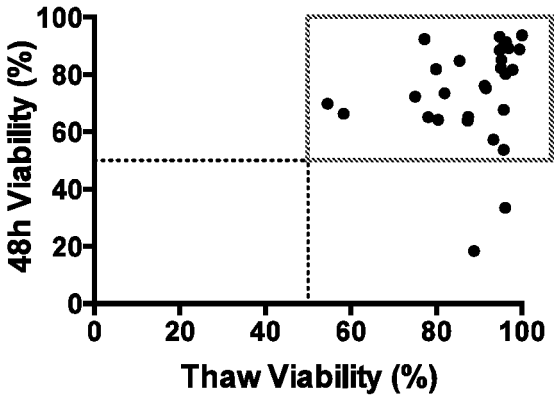


Figure 7

Fig. 8A

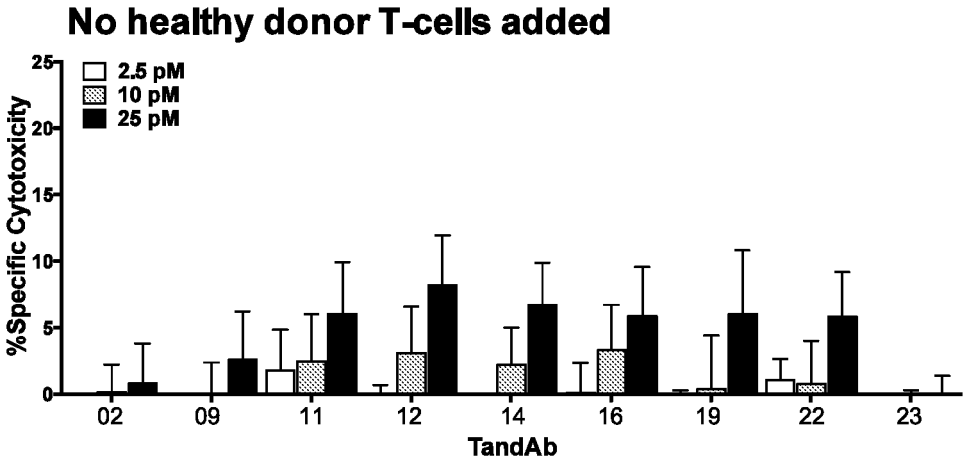


Fig. 8B

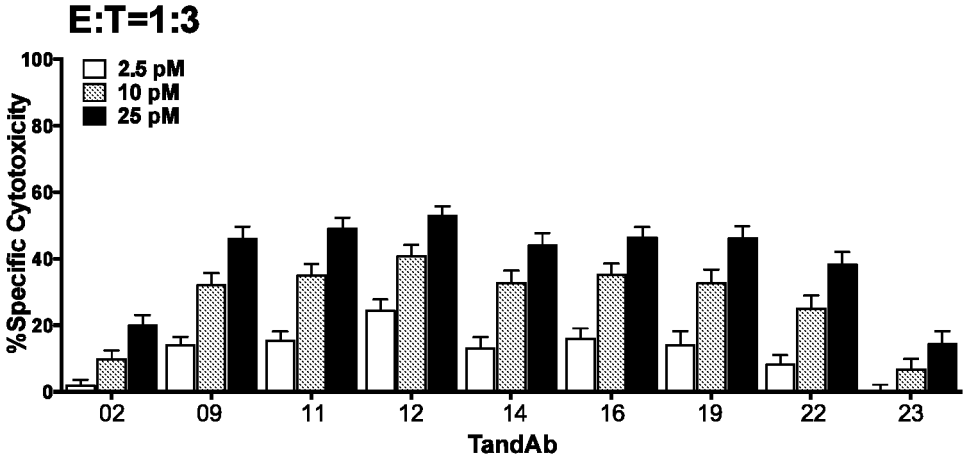


Fig. 8C

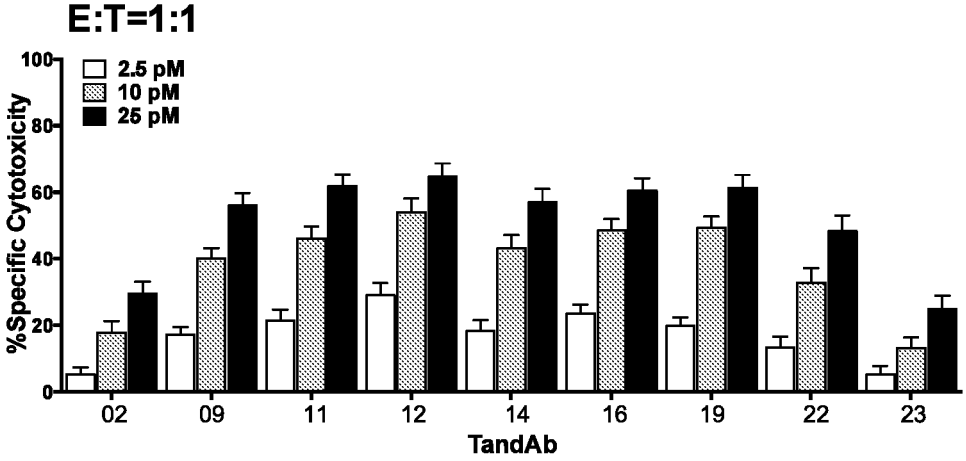


Figure 8

DPNFWLQVQE SVTVQEGLCV LVPCTFFHPI PYYDKNSPVH GYWFREGAII SRDSPVATNK 60
LDQEVQEETQ GRFRLLGDPS RNNCSLSIVD ARRRDNGSYF FRMERGSTKY SYKSPQLSVH 120
VTDLTHRPKI LIPGTLEPGH SKNLTCSVSW ACEQGTPPIF SWLSAAPTSL GPRTTHSSVL 180
IITPRPQDHG TNLTCQVKFA GAGVTTERTI QLNVTYVPQN PTTGIFPGDG SGKQETRAGV 240
VH 242

SEQ ID NO:93

Figure 9A

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDFSYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:98

Figure 9B

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRAVTDYYYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:99

Figure 9C

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSFGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:100

Figure 9D

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSLGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:101

Figure 9E

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSFGMDVWGQGTLVTVSS**GG**
SGGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAIS
GLQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAP
GKGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLV
TVSSAAAGSHHHHHH

SEQ ID NO:102

Figure 9F

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPARFSGSGSGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSLGMDVWGQGTLVTVSS**GG**
SGGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAIS
GLQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAP
GKGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLV
TVSSAAAGSHHHHHH

SEQ ID NO:103

Figure 9G

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLQESGGGVVQPGRSLRLSCAASGFSFSNYGIHWVRQAPGKG
LEWVALISYDGNKKFYADSVKGRFAISRDTSKNTVDLQMTSLRPEDTAVYYCAKDRLESAAFDYWGQGTLVTVSS**GGSGG**
SSYELTQPPSVSVAPGQTAMITCGGNNIGSTTVHWYQQKPGQAPVLVVYDDNERPSGIPERFSGSNSGSTATLTINRVEA
GDEADYYCQVWDSGSDHVVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPGKGL
EWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVTVSS
AAAGSHHHHHH

SEQ ID NO:104

Figure 9H

QSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGSSASLAISGLQ
SEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPGKG
LEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVTVS
S**GGSGGS**DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDK
ATLTISSLQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWV
RQAPGQGLEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDFSYGMDVWGQGTL
VTVSSAAAGSHHHHHH

SEQ ID NO:105

Figure 9I

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDFSYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:106

Figure 9J

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSFGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:107

Figure 9K

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSLGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:108

Figure 9L

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRAVTDYYYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:109

Figure 9M

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRAVTDYYYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSS

SEQ ID NO:110

Figure 9N

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDFSYGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGG**SEVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:111

Figure 9O

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSFGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:112

Figure 9P

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAPGQG
LEWMGWMNPNSGNTGFAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDRANTDYSLGMDVWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSRSNIGSNTVNWYQQLPGTAPKLLIYGNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCATWDDSLIGWVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:113

Figure 9Q

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGESLKISCKGSGYSFTSYWIGWVRQMPGKG
LEWMGIIYPGDSDTRYSPSFQGQVTISADKSISTAYLQWSSLKASDTAMYYCARHKRGSDAFDIWGQGTTVTVSS**GGSG**Q
SVLTQPPSVSGAPGQRVTISCTGSSSNIGAGYDVHWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSASLAITGLQ
AEDEADYYCQSYDSSLSDVVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPGKG
LEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVTVS
SAAAGSHHHHHH

SEQ ID NO:114

Figure 9R

EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPGKGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNS
LYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVTVSS**GGSGGS**QSVLTQPPSVSGAPGQRVTISCTGSSSNI
GAGYDVHWYQQLPGTAPKLLIYGNSNRPSGVPDRFSGSKSGTSASLAITGLQAEDEADYYCQSYDSSLSDVVFGGGTKLT
VL**GGSG**QVQLVQSGAEVKKPGESLKISCKGSGYSFTSYWIGWVRQMPGKGLEWMGIIYPGDSDTRYSPSFQGQVTISADK
SISTAYLQWSSLKASDTAMYYCARHKRGSDAFDIWGQGTTVTVSS**GGSGGS**DIQMTQSPSSLSASVGDRVTITCRSSTGA
VTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISSLQPEDFATYYCALWYSNLWVFGQGTKVEI
KAAAGSHHHHHH

SEQ ID NO:115

Figure 9S

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQG
LEWMGIINPSGGSTSYAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDVVPAAIDYYGMDVWGQGTTVTVSS**G**
GSGQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYSDNQRPSGVPDRFSGSKSGSSASLAIS
GLQSDDEADYYCATWDDSLNGAVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAP
GKGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLV
TVSSAAAGSHHHHHH

SEQ ID NO:116

Figure 9T

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQG
LEWMGIINPSGGSTSYAQKFQGRVTMTRDTSTSTVYMELSSLRSEDTAVYYCARDVVPAAIDYYGMDVWGQGTTVTVSS**G**
GSGQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYSDNQRPSGVPDRFSGSKSGSSASLAIS
GLQSDDEADYYCATWDDSLNGAVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAP
GKGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLV
TVSS

SEQ ID NO:117

Figure 9U

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYAISWVRQAPGQG
LEWMGGIYPIFGSANYAQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCAREYYYDSSEWAFDIWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNIVNWYQQLPGTAPKLLIYSNNQRPSGVPDRFSGSKSGTSASLAISG
LQSEDEADYYCAAWDDSLKGYVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:118

Figure 9V

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYGISWVRQAPGQG
LEWMGGIIPIFGSAHYAQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCAREYYYDSSEWAFDIWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVKWYQQLPGTAPKLLIYSNNQRSSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCAAWDDSLNGYVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:119

Figure 9W

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKGLIGGTNKRAPGVPSRFSGSLIGTDFTLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYGISWVRQAPGQG
LEWMGGIIPIFGSAHYAQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCAREYYYDSSEWAFDIWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVKWYQQLPGTAPKLLIYSNNQRSSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCAAWDDSLNGYVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSWFAYWGQGTLVT
VSS

SEQ ID NO:120

Figure 9X

DIQMTQSPSSLSASVGDRVTITCRSSTGAVTTSNYANWVQQKPGKAPKALIGGTNKRAPGVPSRFSGSLIGDKATLTISS
LQPEDFATYYCALWYSNLWVFGQGTKVEIK**GGSGGS**QVQLVQSGAEVKKPGSSVKVSCKASGGTFDSYAISWVRQAPGQG
LEWMGGIIPIFGSAHYSQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCAREYYYDSSEWAFDIWGQGTLVTVSS**GG**
SGQSVLTQPPSASGTPGQRVTISCSGSSSNIGDNVVNWYQQLPGTAPKLLIYSTNKRPSGVPDRFSGSKSGSSASLAISG
LQSEDEADYYCAAWDDSLSAYVFGGGTKLTVL**GGSGGS**EVQLVESGGGLVQPGGSLRLSCAASGFTFSTYAMNWVRQAPG
KGLEWVGRIRSKYNNYATYYADSVKDRFTISRDDSKNSLYLQMNSLKTEDTAVYYCARHGNFGNSYVSYFAYWGQGTLVT
VSSAAAGSHHHHHH

SEQ ID NO:121

Figure 9Y

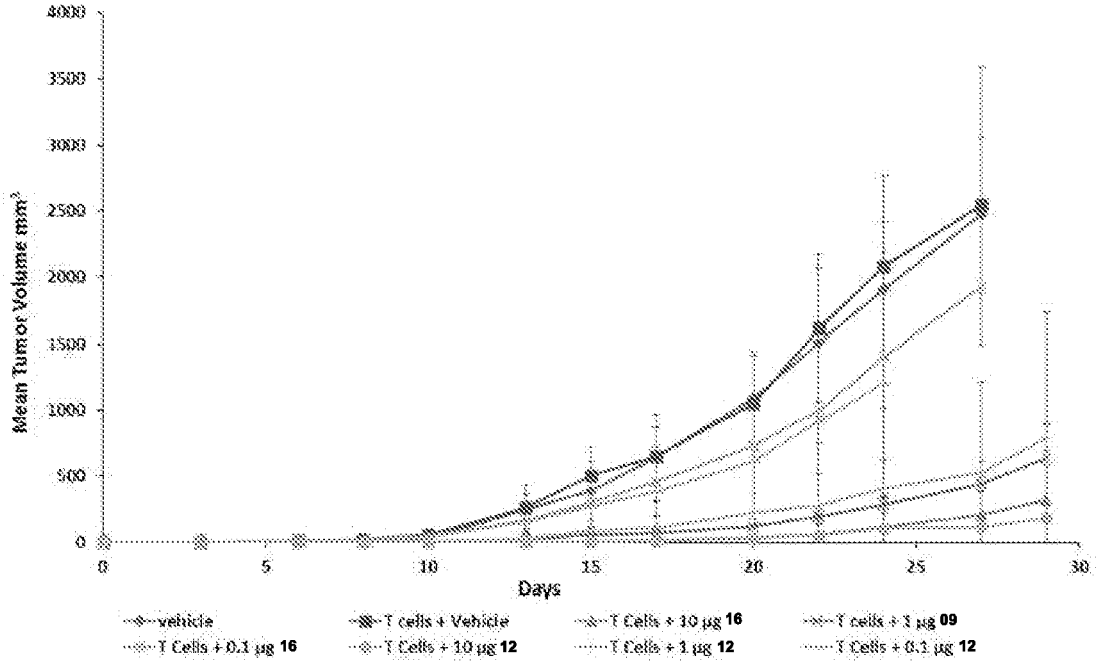


Figure 10

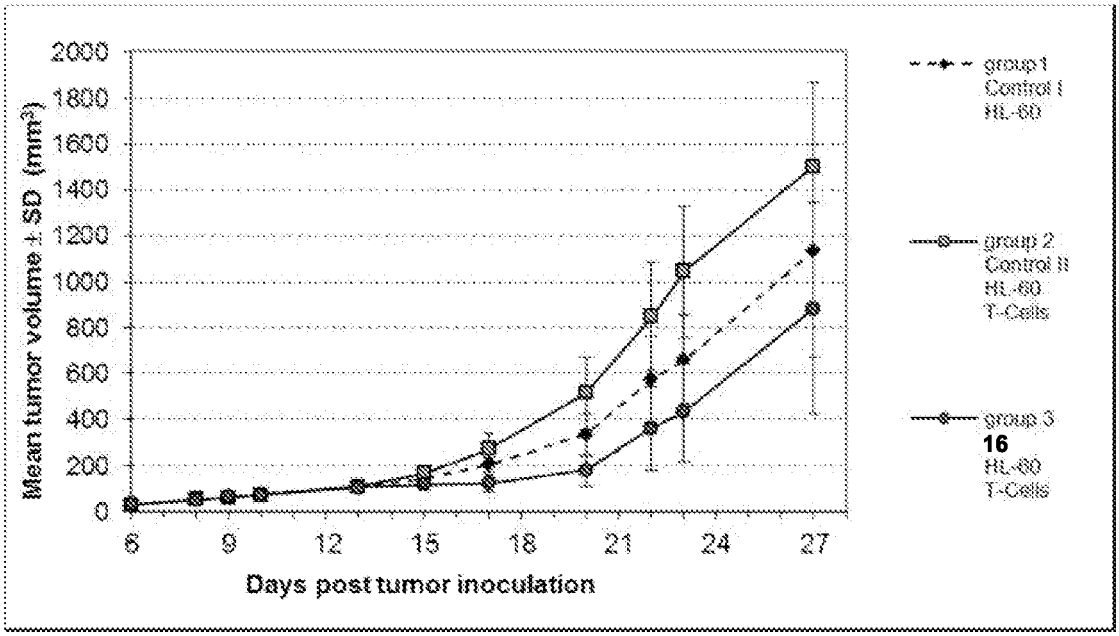


Figure 11

Figure 12A

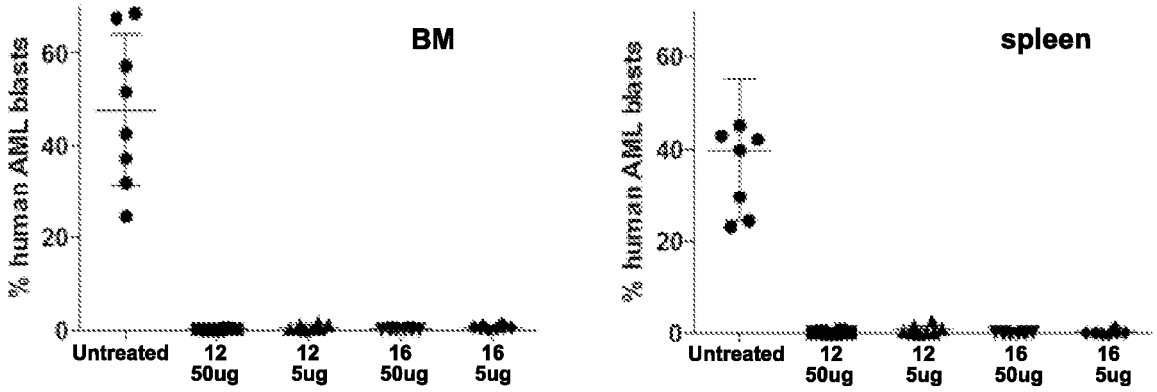


Figure 12B

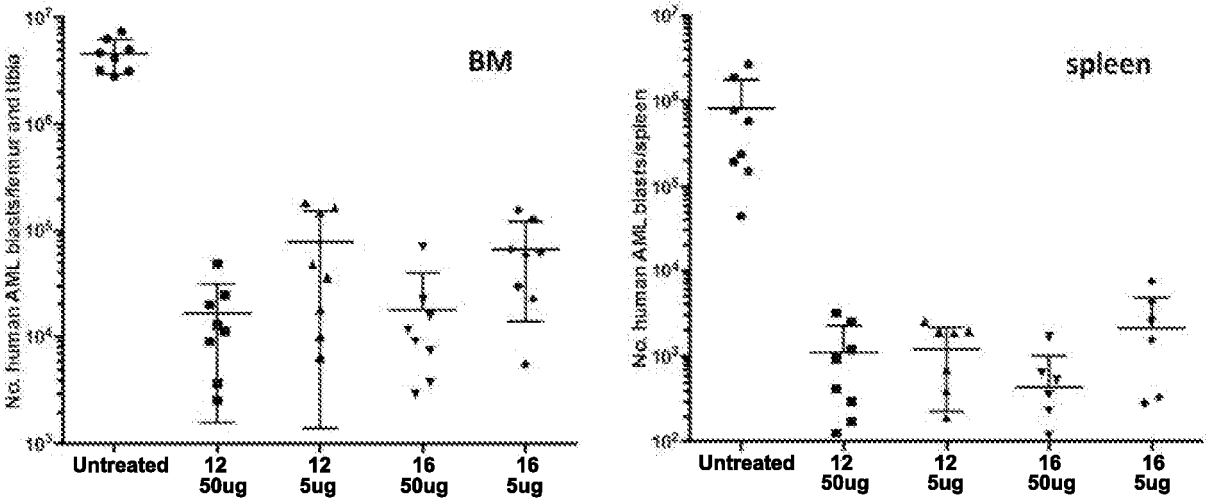


Figure 12

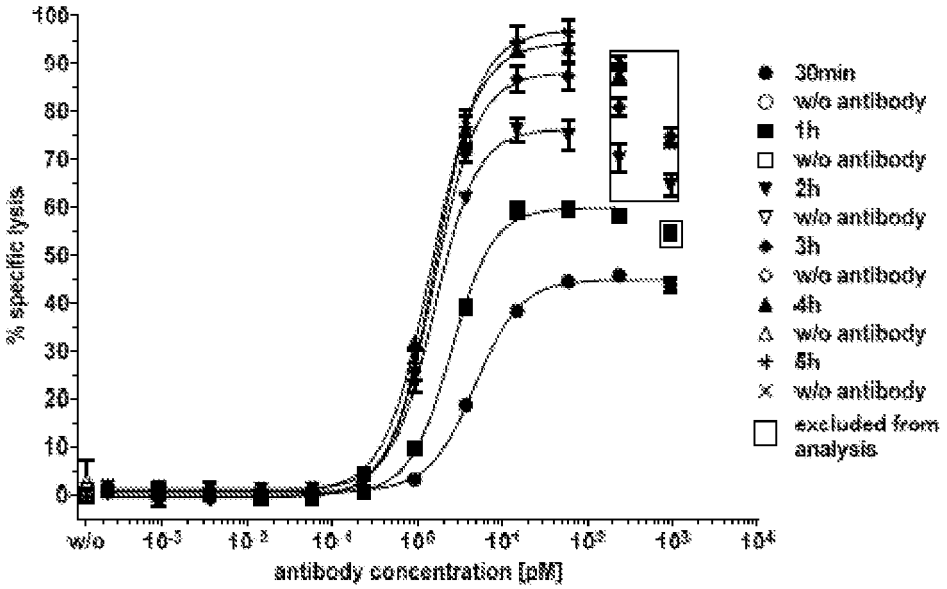


Figure 13

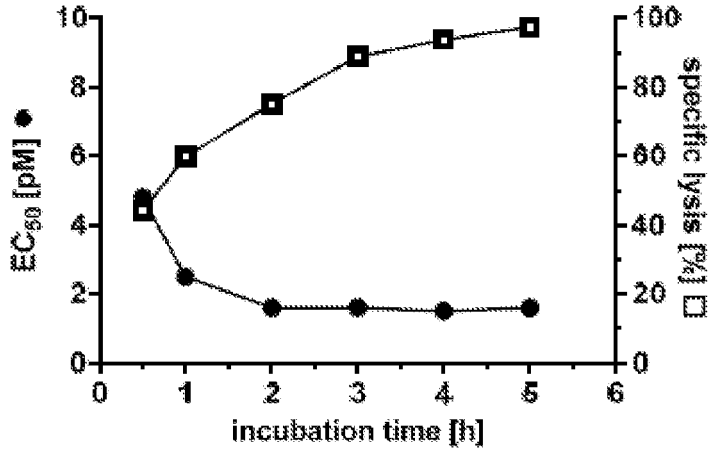


Figure 14

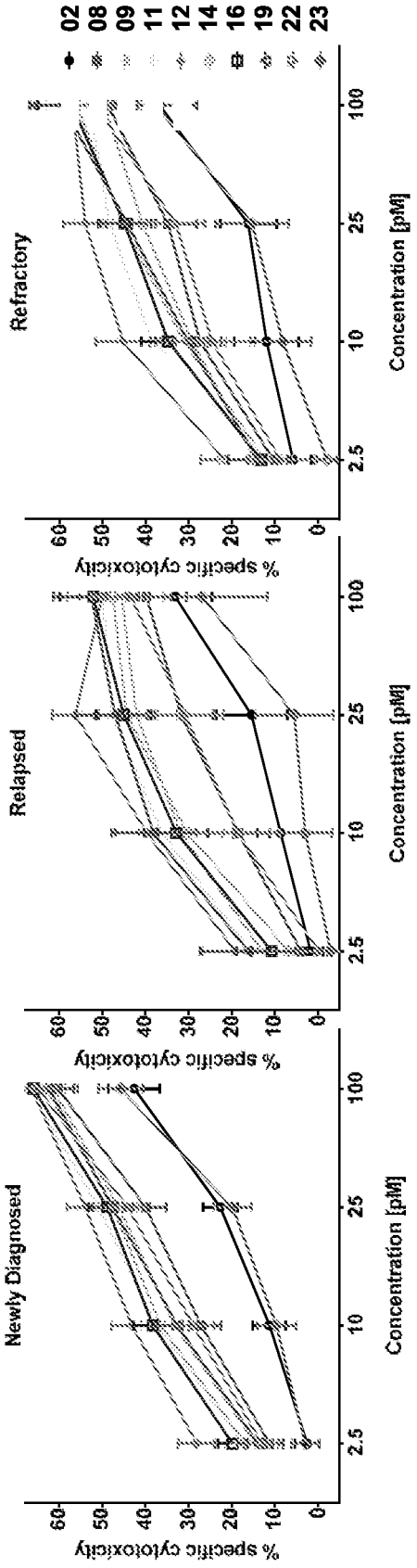

02
08
09
11
12
14
16
19
22
23
Newly Diagnosed
Relapsed
Refractory
% specific cytotoxicity
Concentration [pM]
0
10
20
30
40
50
60
2.5
10
25
100

Figure 15