

FIG. 1A

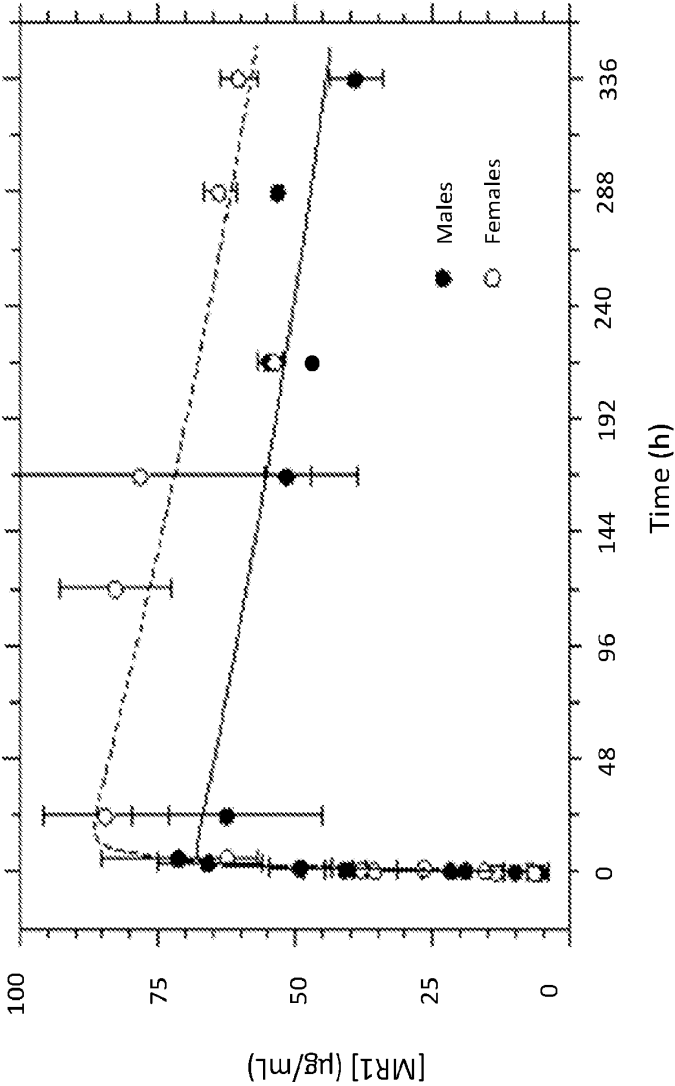


FIG. 1B

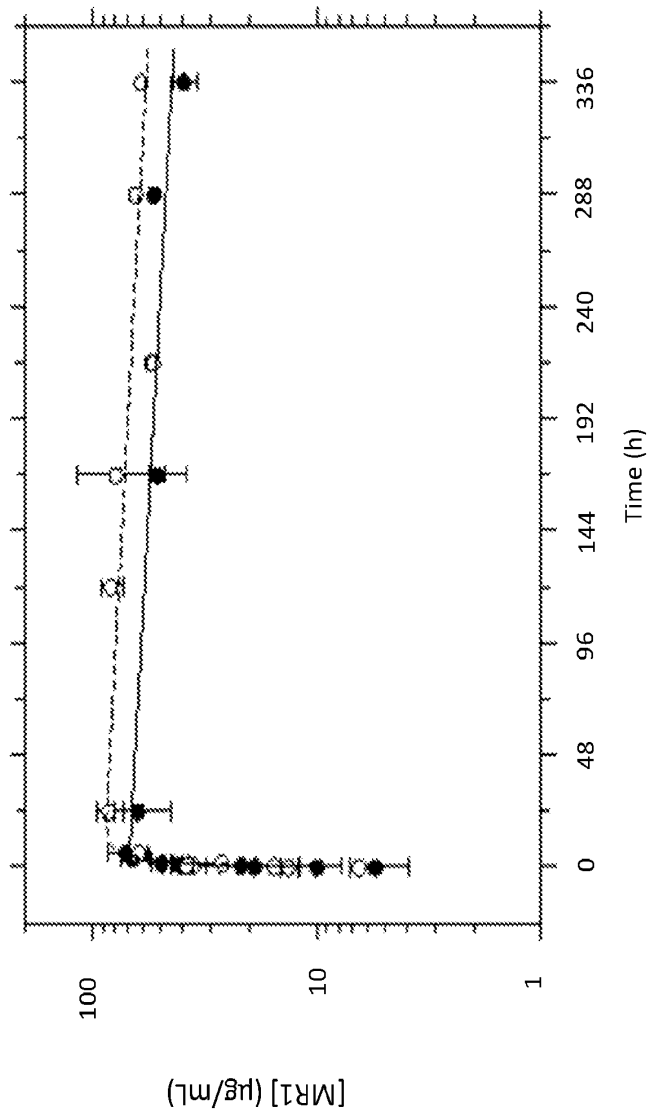


FIG. 2

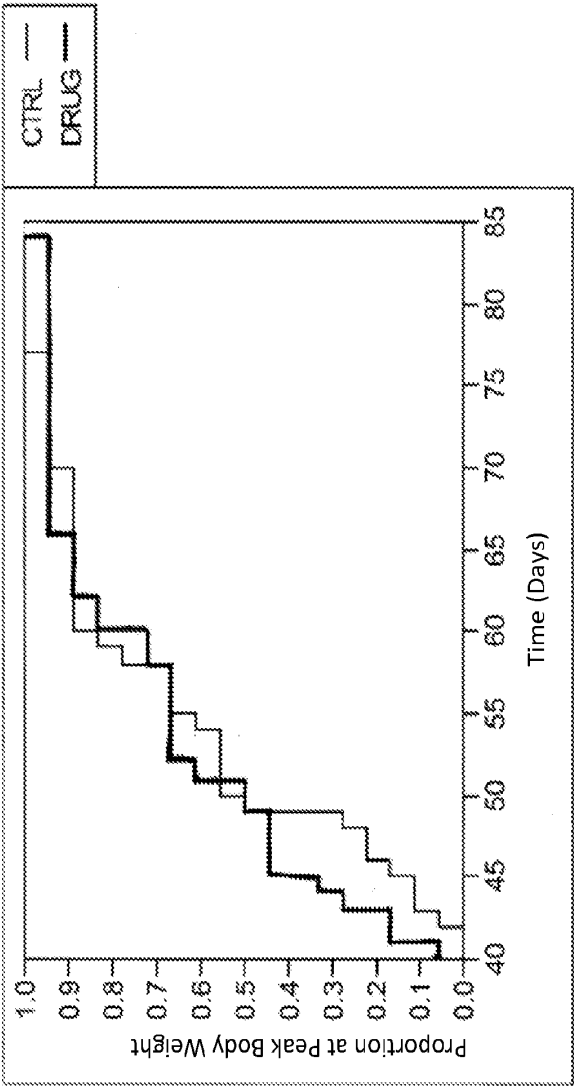


FIG. 3

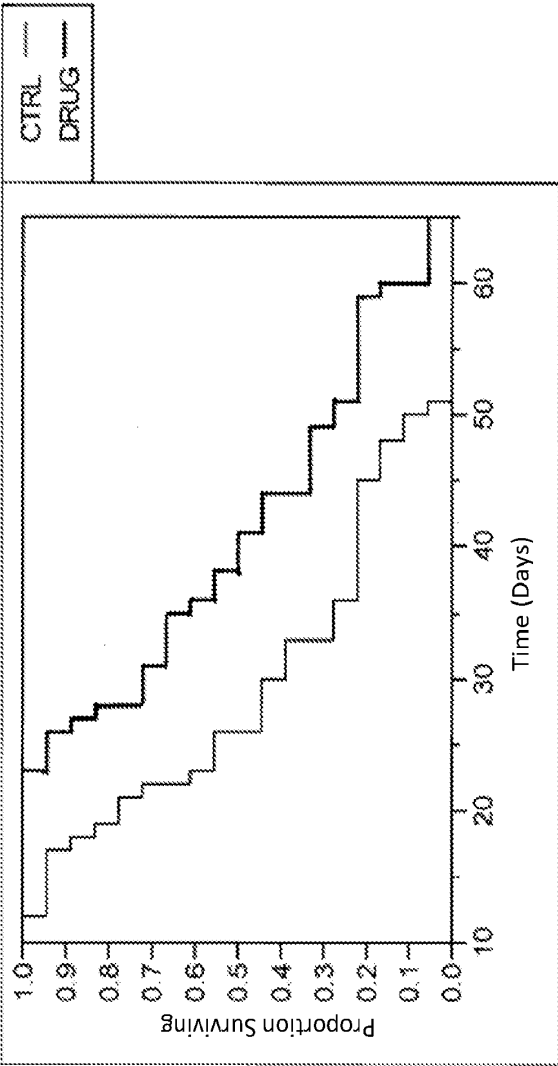


FIG. 4

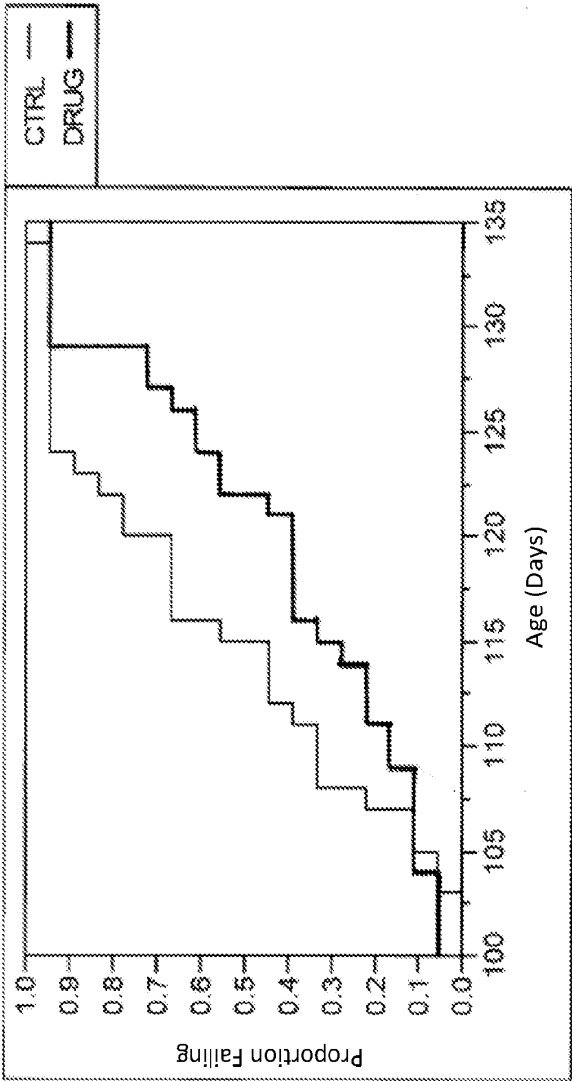


FIG. 5

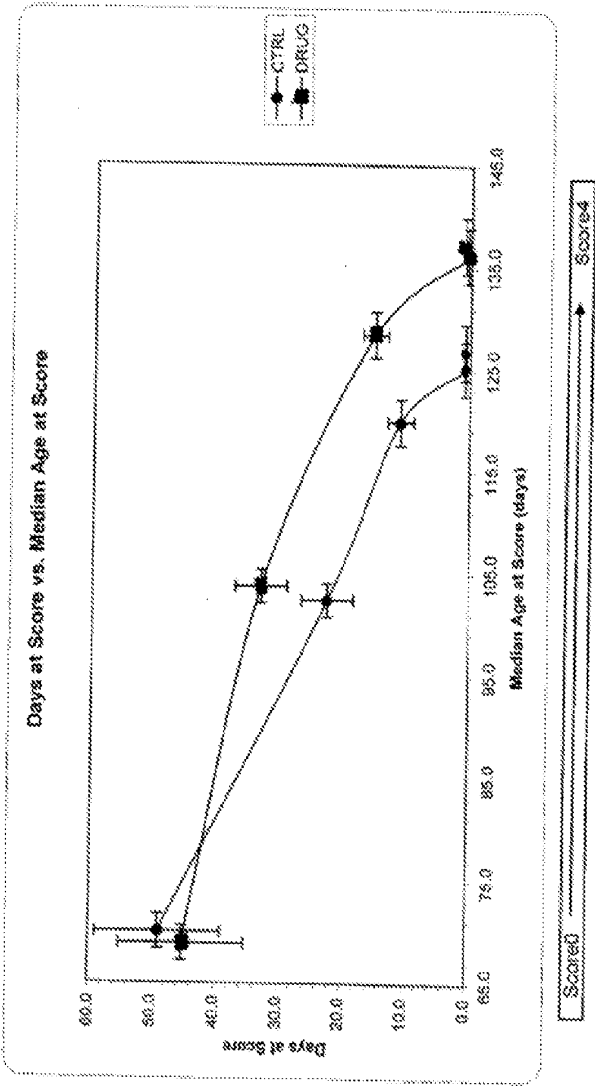
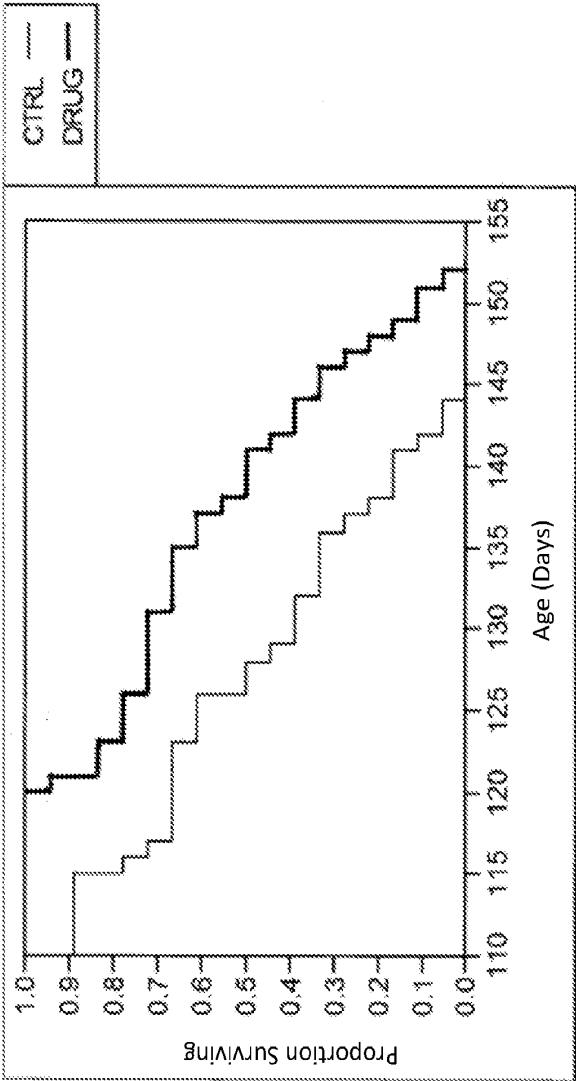
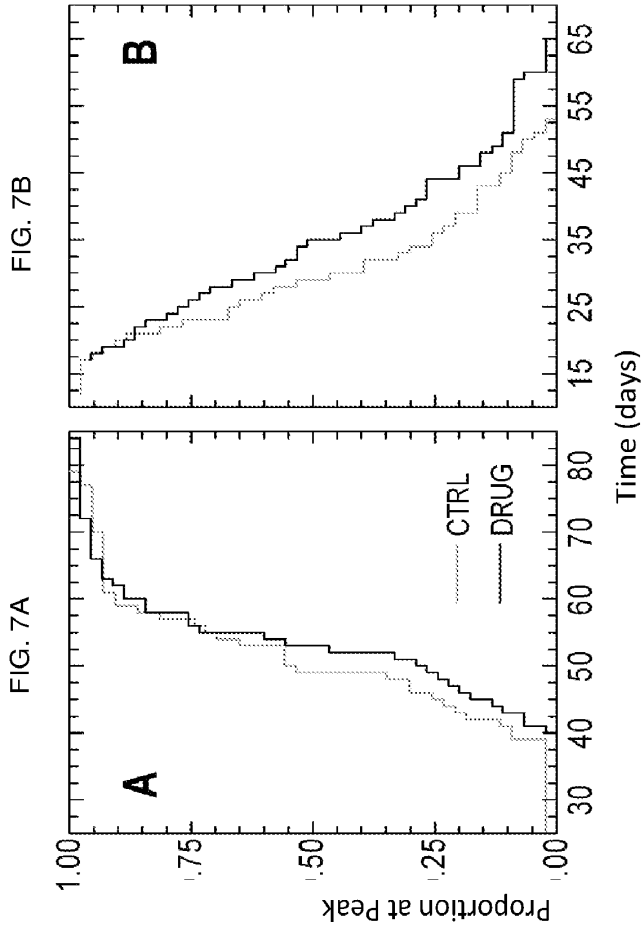


FIG. 6





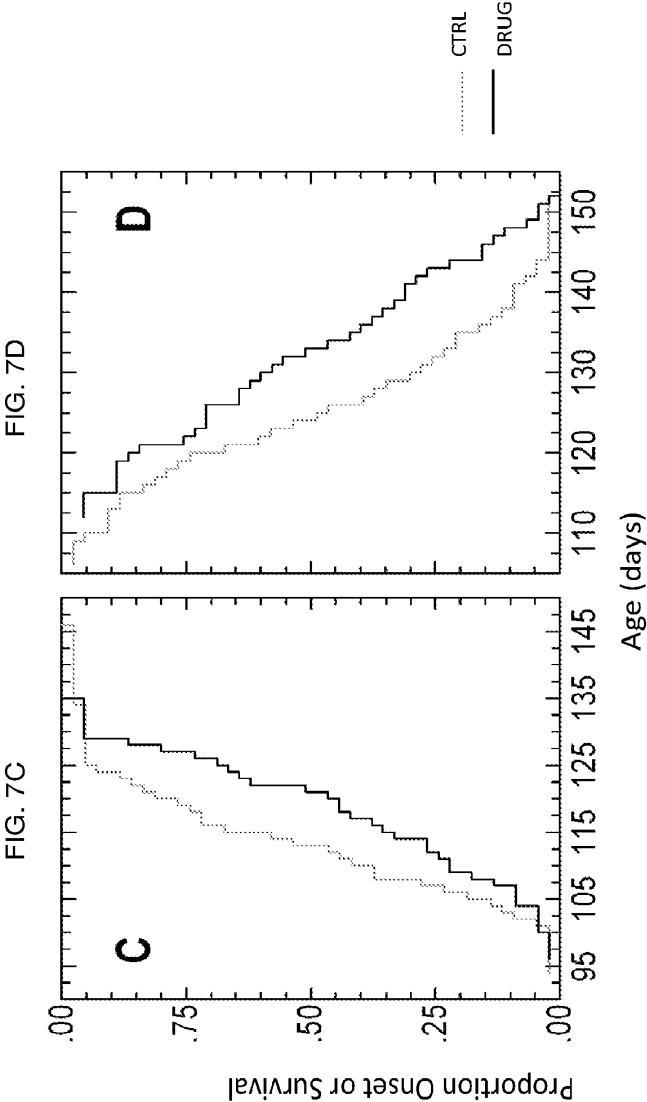


FIG. 8

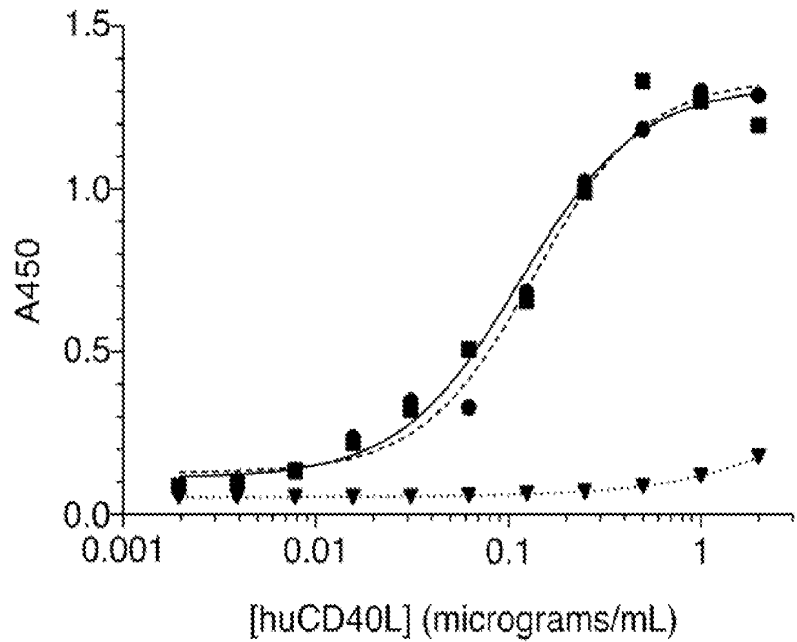


FIG. 9

SEQ ID NO:	Description	Sequence
1	hu5c8 and JB5 VL region	DIVLTQSPATLSVSPGERATISCRASQRVSSSTYSYMHWYQQKPGQPPKL LIKYASNLESGVPARFSGSGSGTDFTLTISSVEPEDFATYYCQHSWEIPP TFGGGTKLEIK
2	hu5c8 and JB5 VH region	QVQLVQSGAEVVKPGASVKLSCKASGYIFTSYYMYWVKQAPGQGLEWIGE INPSNGDTNFKNEKFKSKATLTVDKSASTAYMELSSLRSEDATVYYCTRSD GRNDMDSWGQGTLLVTVSS
3	Fc region	EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSL TCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS RWQQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
4	JB5 Fc region	EPKSSDKTHTSPPSPAPELLGGSSVFLFPPKPKDTLMISRTPEVTCVVVD VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSL TCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS RWQQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
5	JB5-R28K VL region	DIVLTQSPATLSVSPGERATISCRASQKVSSSTYSYMHWYQQKPGQPPKL LIKYASNLESGVPARFSGSGSGTDFTLTISSVEPEDFATYYCQHSWEIPP TFGGGTKLEIK
6	JB5-K74R VH region	QVQLVQSGAEVVKPGASVKLSCKASGYIFTSYYMYWVKQAPGQGLEWIGE INPSNGDTNFKNEKFKSKATLTVDKSASTAYMELSSLRSEDATVYYCTRSD GRNDMDSWGQGTLLVTVSS
7	JB5 light chain Amino acid sequence	DIVLTQSPATLSVSPGERATISCRASQRVSSSTYSYMHWYQQKPGQPPKL LIKYASNLESGVPARFSGSGSGTDFTLTISSVEPEDFATYYCQHSWEIPP TFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKV QWKVDNALQSGNSQESVTEQDSKDSYSTLSSTLTLSKADYEKHKVYACEV THQGLSSPVTKSFNRGEC

FIG. 10

SEQ ID NO:	Description	Sequence
8	JB light chain nucleotide sequence	GACATCGTGCTGACCCAGTCCCCCGCCACCCTGTCCGTGTCCCCCGGCGA GAGGGCCACCATCTCCTGCAGGGCCTCCAGAGGGTGTCTCCTCCACCT ACTCCTACATGCACTGGTACCAGCAGAAGCCCGGCCAGCCCCCAAGCTG CTGATCAAGTACGCCTCCAACCTGGACTCCGGCGTGCCCGCCAGGTTCTC CGGCTCCGGCTCCGGCACCGACTTCACCCTGACCATCTCCTCCGTGGAGC CCGAGGACTTCGCCACCTACTACTGCCAGCACTCCTGGGAGATCCCCCCC ACCTTCGGCGGGCGGCACCAAGCTGgaaatcaaaCGTACGGTGGCTGCACC ATCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAGT CCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTA CAGTGAAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGT CACAGAGCAGGACAGCAAGGACAGCACCTACAGCCTCAGCAGCACCTGA CGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTC ACCCATCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGA GTGTTAGTGA
9	JB5 heavy chain amino acid sequence	QVQLVQSGAEVVKPGASVKLSCKASGYIFTSYYMYWVKQAPGQGLEWIGE INPSNGDTNFNEKFKSKATLTVDKSASTAYMELSSLRSED TAVYYCTRSD GRNDMDSWGQGLTVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDY FPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYI CNVNHKPSNTKVDKKVEPKSSDKTHTSPSPAPELLGGSSVFLFPPKPKD TLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNST YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLD SDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

FIG. 11

SEQ ID NO:	Description	Sequence
10	JB5 heavy chain nucleic acid sequence	CAGGTGCAGCTGGTGCAGTCCGGCGCCGAGGTGGTGAAGCCCGGCGCCTC CGTGAAGCTGTCTGCAAGGCCTCCGGCTACATCTTCACTCTCTACTACA TGTACTGGGTGAAGCAGGCCCCGGCCAGGGCCTGGAGTGGATCGGCGAG ATCAACCCCTCCAAACGGCGACACCAACTTCAACGAGAAGTTCAAGTCCAA GGCCACCCTGACCGTGGACAAGTCCGCCCTCCACCGCCTACATGGAGCTGT CCTCCCTGAGGTCCGAGGACACCGCCGTGTACTACTGCACCAGGTCCGAC GGCAGGAACGACATGGACTCCTGGGGCCAGGGCACCCCTGGTGACCGTGT CTCCGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCTCCA AGAGCACCTCTGGGGGCACAGCAGCCCTGGGCTGCCTGGTCAAGGACTAC TTCCCCGAACCGGTGACCGTGTCTGTGAACTCAGGCGCCCTGACCAGCGG CGTGACACCTTCCC GGCTGTCTACAGTCTCAGGACTCTACTCCCTCA GCAGCGTGGTGACCGTGCCTCCAGCAGCTTGGGCACCCAGACCTACATC TGCAACGTGAATCACAAGCCAGCAACACCAAGGTGGACAAGAAAGTTGg tgagaggccagcacagggagggaggggtgtctgctggaagccaggctcagc gctcctgcctggacgcatcccggctatgcagccccagtcaggggcagcaa ggcaggccccgtctgcctcttccccggaggcctctgccccccccactca tgctcagggagaggggtctctggcttttccccagggtctgggcaggcac aggctaggtgcccctaaccagggccctgcacacaaagggcagggtgctgg gctcagacctgccaagagccatatccgggaggaccctgcccctgacctaa gcccaccccaaaggccaaactctccactccctcagctcggacaccttctc tcctcccagattccagtaactcccaatcttctctctgcagAGCCCAAATC TAGTGACAAAACTCACACAAGCCACCGAGCCCAAGtaagccagcccagg cctcgccctccagctcaaggcgggacaggtgccctagagtgcctgcac cagggacaggccccagccgggtgctgacacgtccacctccatctcttctc cagCACCTGAACCTCTGGGGGGATCCTCAGTCTTCTCTTCCCCCAAAA CCCAAGGACACCCTCATGATCTCCCGACCCCTGAGGTACATGCGTGGT GGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGG ACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCACTAC AACAGCACGTACCGTGTGGTCAGCGTCTCACCCTCTGCACCAGGACTG GCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCAG CCCCATCGAGAAAACCATCTCCAAGCCAAAGgtgggaccgtgggggtg cgagggccacatggacagaggccgggtcgggccaccctctgcccctgagag tgaccgctgtaccaacctctgtccctacagGGCAGCCCCGAGAACCACAG GTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTGAG CCTGACCTGCCTGGTCAAAGGCTTCTATCCAGCGACATCGCCGTGGAGT GGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCTCCCGTG CTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAA GAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGG CTCTGCACAACCACTACACACAGAAGAGCCTCTCCCTGTCTCCGGGTAAA taatga

FIG. 12

SEQ ID NO:	Description	Sequence
11	JB5-R28K light chain amino acid sequence	DIVLTQSPATLSVSPGERATISCRASQKVSSSTYSYMHWYQQKPGQPPKL LIKYASNLESGVPARFSGSGSGTDFTLTISSEVEDFATYYCQHSWEIPP TFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKV QWKVDNALQSGNSQESVTEQDSKDYSLSSSTLTLSKADYEEKHKVYACEV THQGLSSPVTKSFNRGEC
12	JB5-R28K light chain nucleic acid sequence	GACATCGTGCTGACCCAGTCCCCCGCCACCCTGTCCGTGTCCCCGGCGA GAGGGCCACCATCTCCTGCAGGGCCTCCCAGAAGGTGTCTCCTCCACCT ACTCCTACATGCACTGGTACCAGCAGAAGCCCGGCCAGCCCCCAAGCTG CTGATCAAGTACGCCTCCAACCTGGAGTCCGGCGTGCCCGCCAGGTTCTC CGGCTCCGGCTCCGGCACCAGCTTCACCCTGACCATCTCCTCCGTGGAGC CCGAGGACTTCGCCACCTACTACTGCCAGCACTCCTGGGAGATCCCCCCC ACCTTCGGCGGGCGGCACCAAGCTGgaaatcaaaCGTACGGTGGCTGCACC ATCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAGT CCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTA CAGTGGAAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGT CACAGAGCAGGACAGCAAGGACAGCACCTACAGCCTCAGCAGCACCTGA CGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTC ACCCATCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGA GTGTTAGTGA
13	JB5-K74R heavy chain amino acid	QVQLVQSGAEVVKPGASVKLSCKASGYIFTSYYMYWVKQAPGQGLEWIGE INPSNGDTNFKNEKFSKATLTVDRSASTAYMELSSLRSEDYAVYYCTRS GRNDMDSWGQGLTVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDY FPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLGTQTYI CNVNHKPSNTKVDKKVEPKSSDKHTSPSPAPPELLGGSSVFLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNST YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLD SDGSFFLYSKLTVDKSRWQQGNVSCSVMHEALHNHYTQKSLSLSPGK

FIG. 13

SEQ ID NO:	Description	Sequence
14	JB5-K74R heavy chain nucleic acid sequence	CAGGTGCAGCTGGTGCAGTCCGGCGCCGAGGTGGTGAAGCCCGGCCTC CGTGAAGCTGTCTGCAAGGCCTCCGGCTACATCTTCACTCTCTACTACA TGTACTGGGTGAAGCAGGCCCCGGCCAGGGCCTGGAGTGGATCGGCGAG ATCAACCCCTCCACGGCGACACCAACTTCAACGAGAAGTTCAAGTCCAA GGCCACCCTGACCGTGGACAGGTCCGCCTCCACCGCTACATGGAGCTGT CCTCCCTGAGGTCCGAGGACACCGCGTGTACTACTGCACCAGGTCCGAC GGCAGGAACGACATGGACTCCTGGGGCCAGGGCACCCCTGGTGACCGTGT CTCCGCTAGCACCAAGGGCCATCGGTCTTCCCCCTGGCACCCCTCTCCA AGAGCACCTCTGGGGGCACAGCAGCCCTGGGCTGCCTGGTCAAGGACTAC TTCCCCGAACCGGTGACGGTGTCTGTGGAAGTCAAGCGCCCTGACCAACGG CGTGACACCTTCCCGGCTGTCTACAGTCTCAGGACTCTACTCCCTCA GCAGCGTGGTGACCGTGCCTCCAGCAGCTTGGGCACCCAGACCTACATC TGCAACGTGAATCACAAAGCCAGCAACACCAAGGTGGACAAGAAAGTTGg tgagaggccagcacaggaggagggtgtctgtctggaagccaggctcagc gctcctgcctggacgcatcccggctatgcagccccagtcaggggcagcaa ggcaggccccgtctgcctcttccccggaggcctctgcccggccactca tgctcagggagagggtcttctggcttttccccaggctctgggcaggcac aggctaggtgcccctaaccagggcctgcacacaaagggcagggtgtctgg gctcagacctgccaagagccatatccgggaggacctgcccgtgacctaa gcccaccccaaaggccaaactctccactccctcagctcggacaccttctc tcctcccagattccagtaactcccaatcttctctctgcagAGCCCAAATC TAGTGACAAAACACACAAGCCACCGAGCCCAAGtaagccagcccagg cctcgccctccagctcaaggcgggacagggtgccctagagtgcctgcac cagggaacaggccccagccgggtgctgacacgtccacctccatctcttct cagCACCTGAACCTCTGGGGGATCCTCAGTCTTCTCTTCCCCCAAAA CCCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGGT GGTGGACGTGAGCCACGAAGACCCCTGAGGTCAAGTTCAACTGGTACGTGG ACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTAC AACAGCACGTACCGTGTGGTCAGCGTCTCACCCTCTGCACCAGGACTG GCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAGCCCTCCAG CCCCATCGAGAAAACCATCTCCAAAGCCAAAGgtgggaccgtgggggtg cgagggccacatggacagaggccgggtcgggccaccctctgcccgtgagag tgaccgctgtaccaacctctgtccctacagGGCAGCCCCGAGAACCACAG GTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTGAG CCTGACCTGCCTGGTCAAAGGCTTCTATCCAGCGACATCGCCGTGGAGT GGGAGAGCAATGGGCAGCCGAGAGAACAACTACAAGACCACGCTCCCGTG CTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAA GAGCAGGTGGCAGCAGGGGAACGCTTCTCATGCTCCGTGATGCATGAGG CTCTGCACAACCACTACACACAGAAGAGCCTCTCCCTGTCTCCGGGTAAA taatga

FIG. 14

SEQ ID NO:	Description	Sequence
15	JB5 CDR-L1	ISCRASQRVSSSTYSYMH
16	JB5 CDR-L2	YASNLES
17	JB5 CDR-L3	QHSWEIPPT
18	JB5 CDR-H1	SYMY
19	JB5 CDR-H2	EINPSNGDTNFNEKFS
20	JB5 CDR-H3	SDGRNDMDS
21	Hu5c8 Heavy Chain	QVQLVQSGAEVVKPGASVKLSCKASGYIFTSYYMYWVKQAPQGGLWIGEINPSNGDTN FNEKFKSKATLTVDKSASTAYMELSSLRSEDAVYYCTRSDGRNDMDSWGQGTLVTVSS ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQS SGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELL GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTV DKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

FIG. 15A

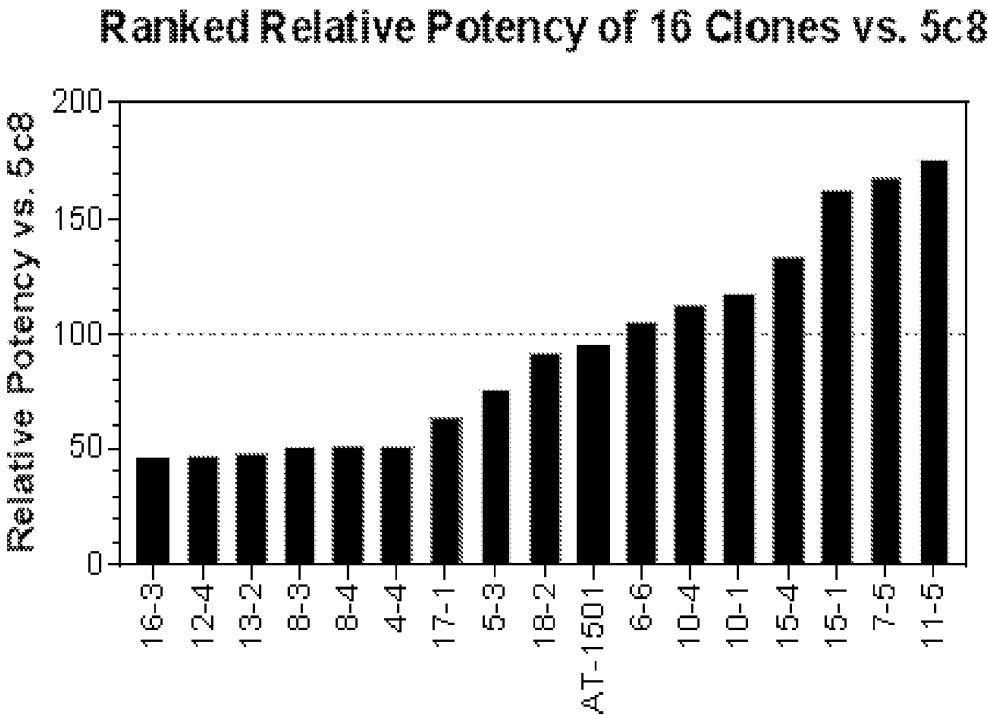


FIG. 15B

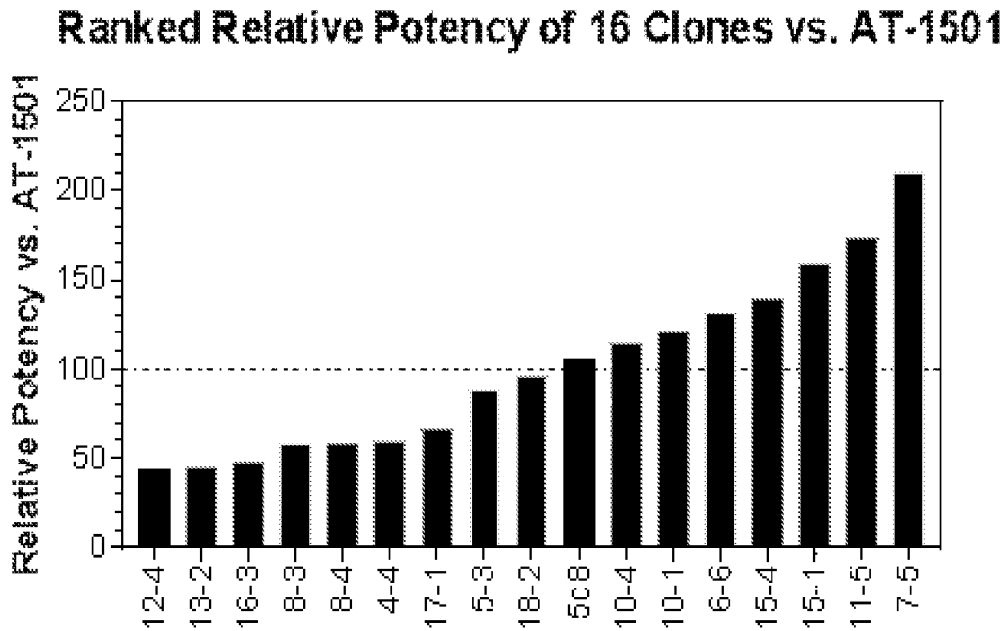


FIG. 16A

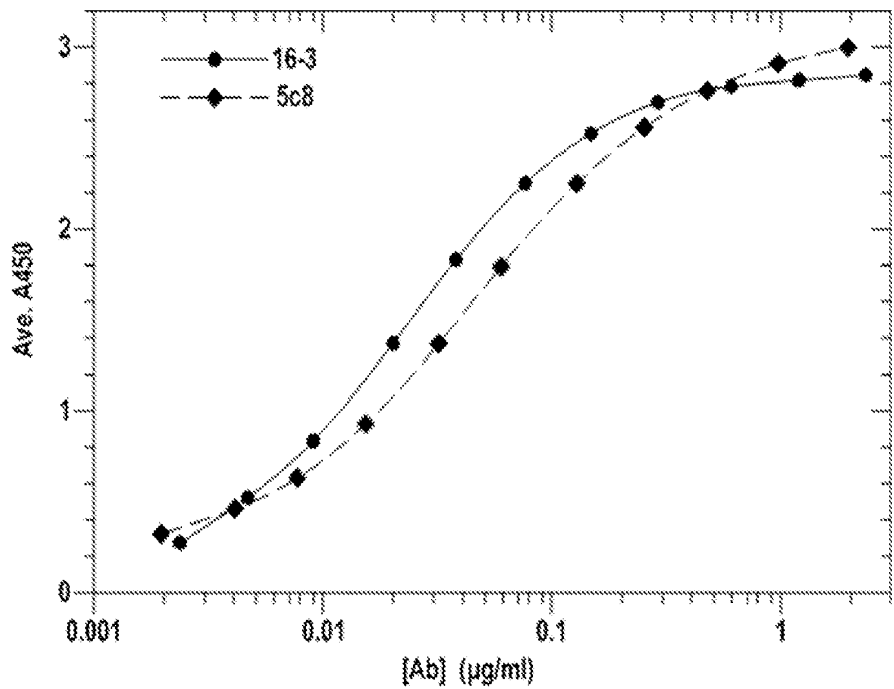


FIG. 16B

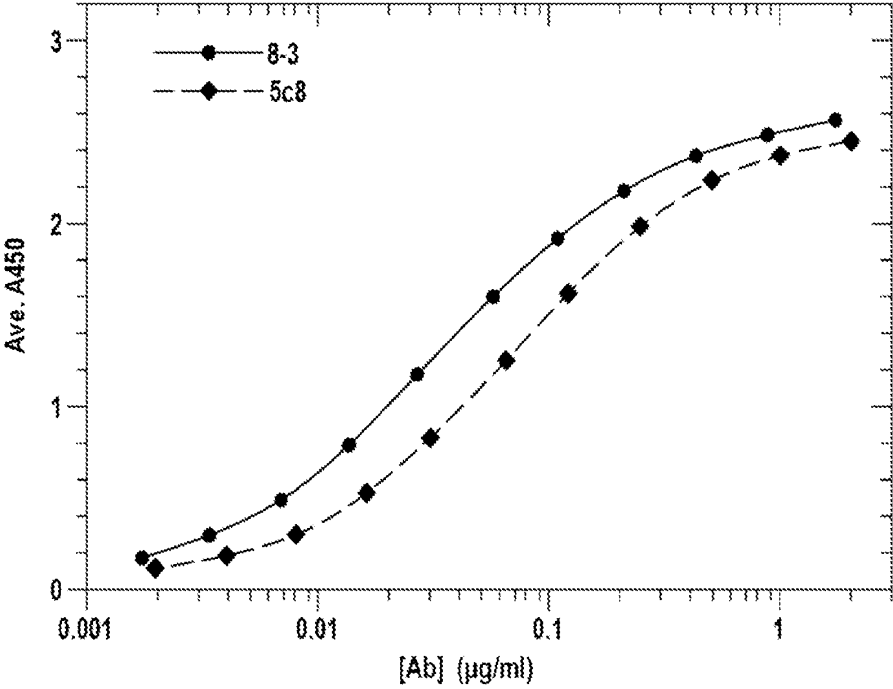


FIG. 16C

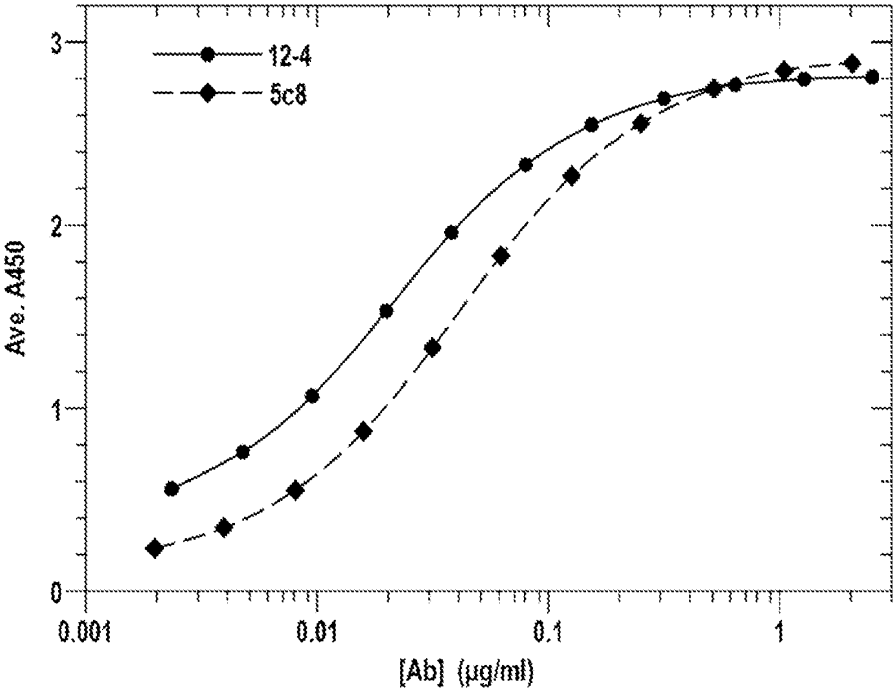


FIG. 16D

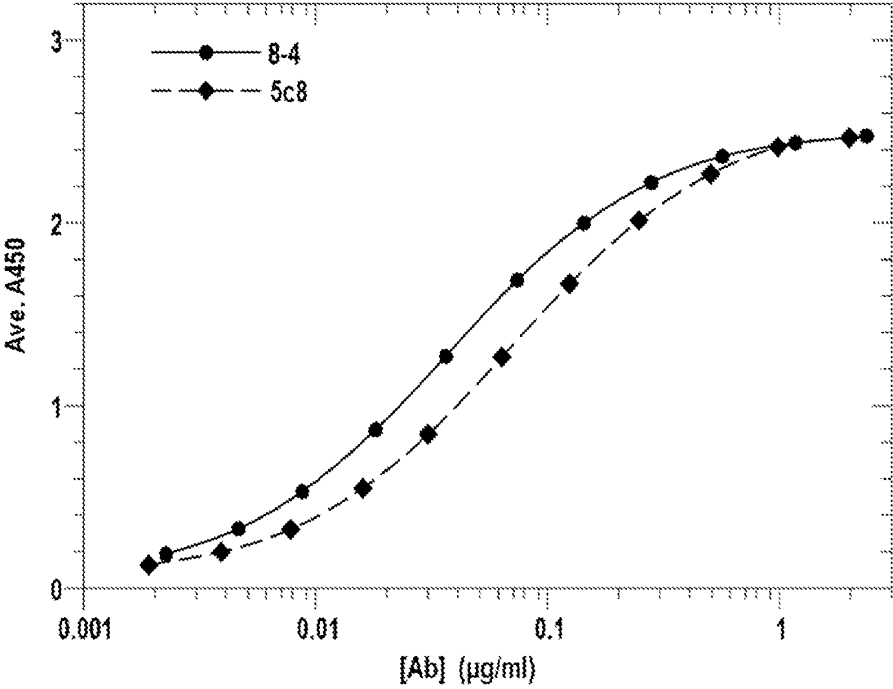


FIG. 16E

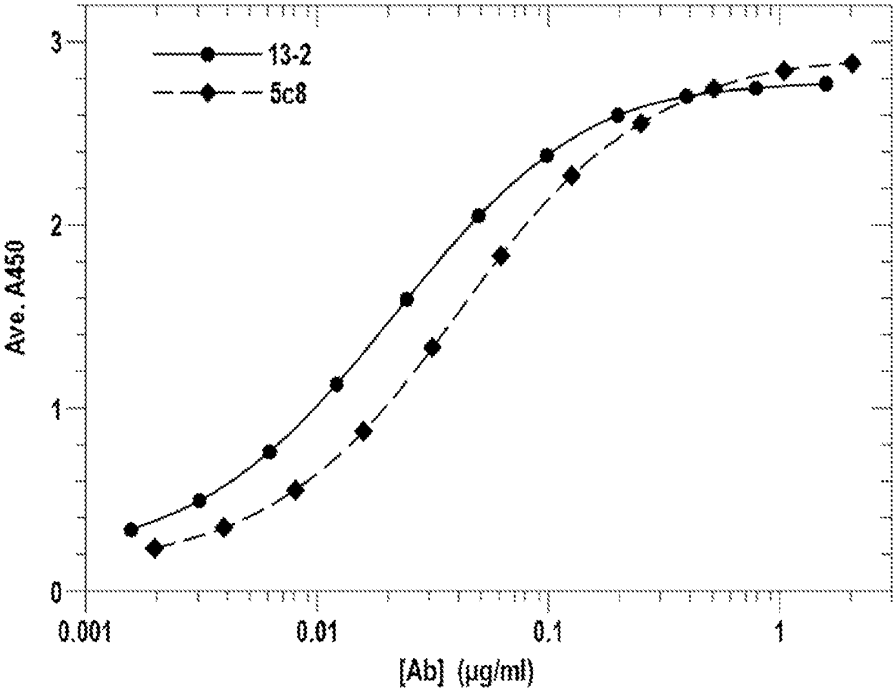


FIG. 16F

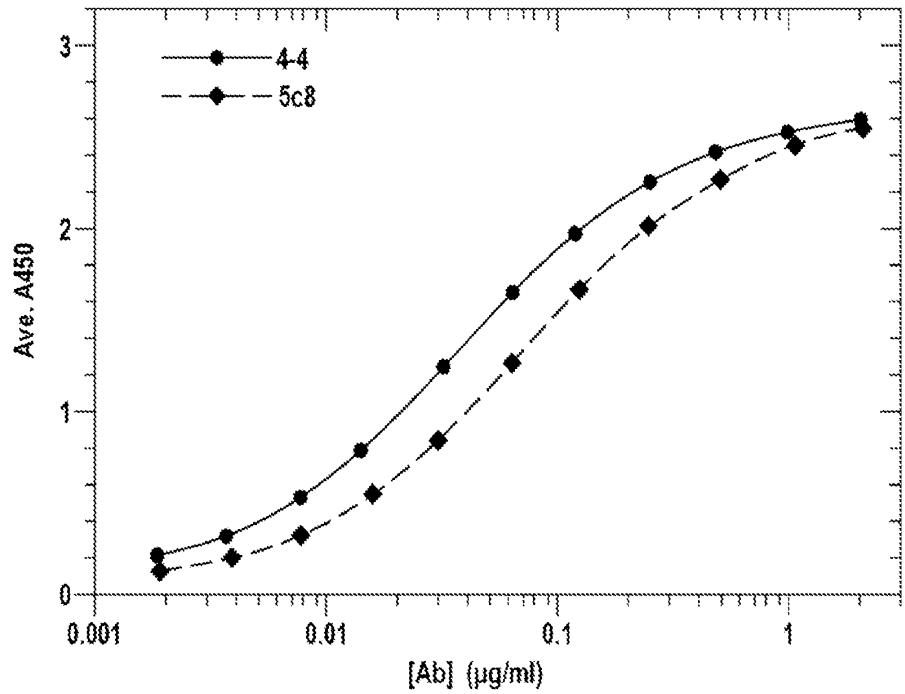


FIG. 16G

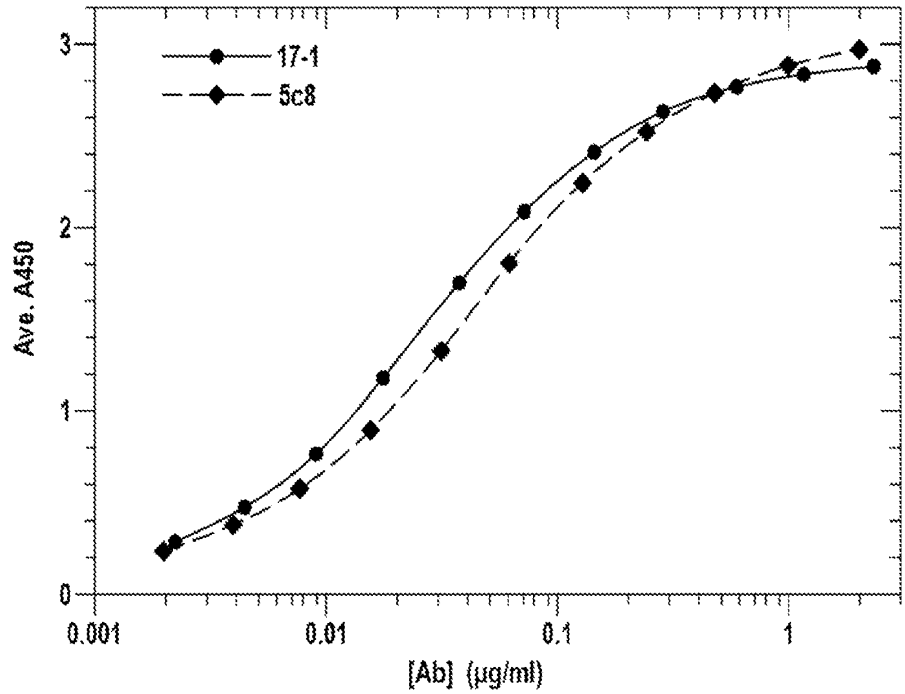


FIG. 16H

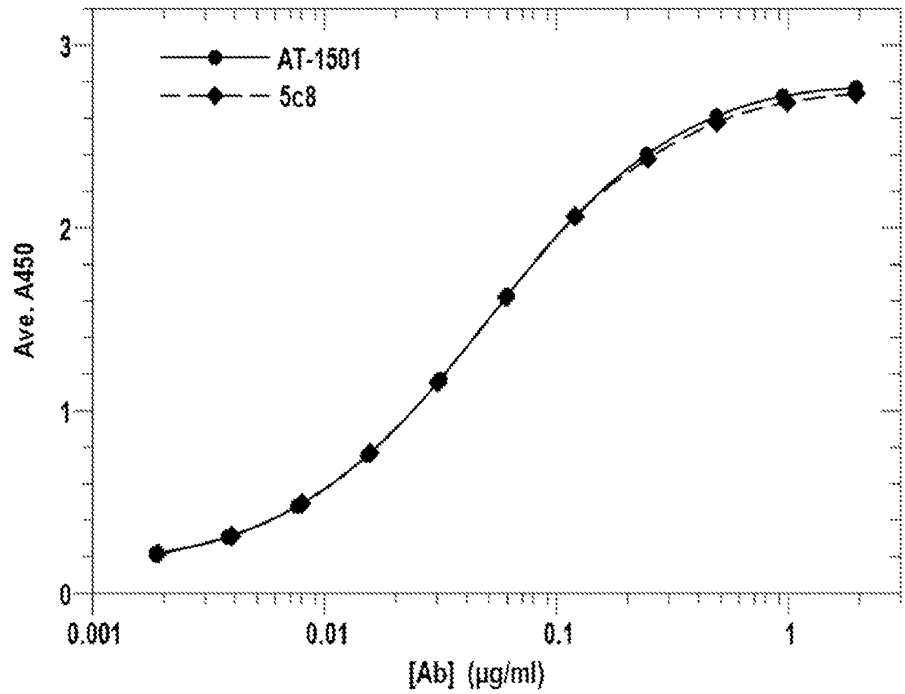


FIG. 16I

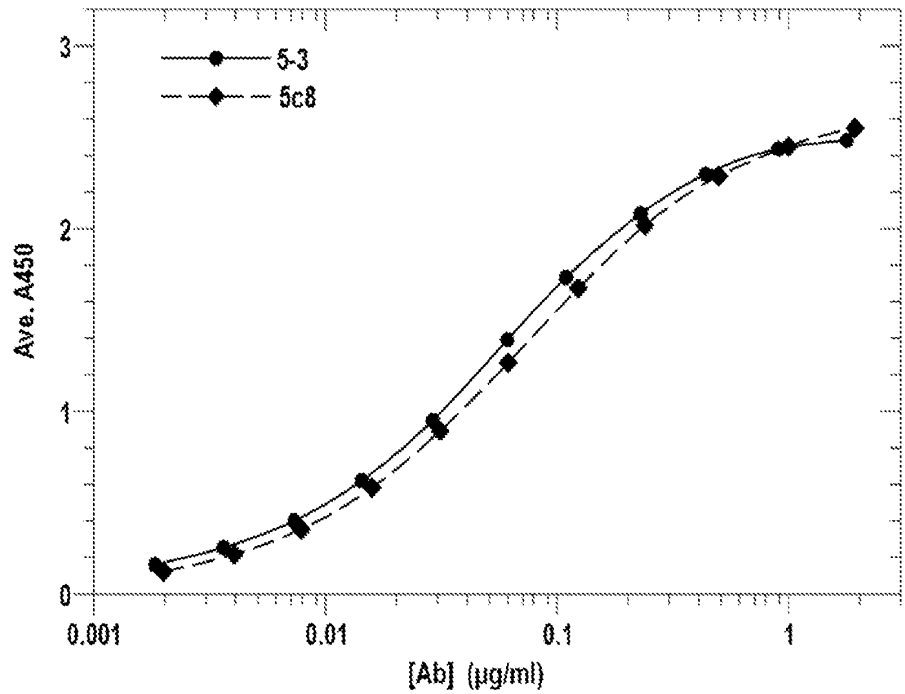


FIG. 16J

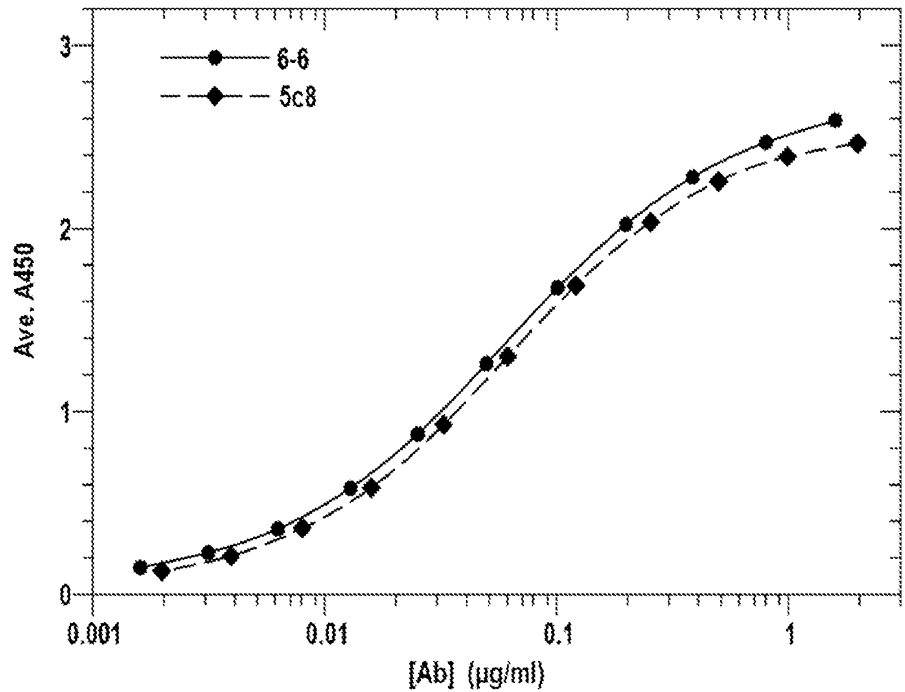


FIG. 16K

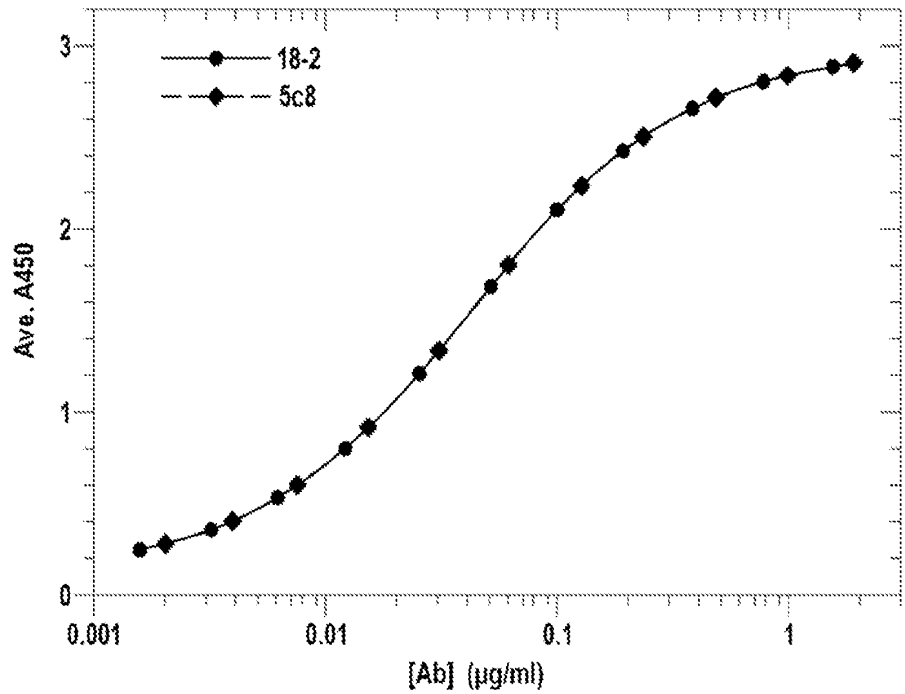


FIG. 16L

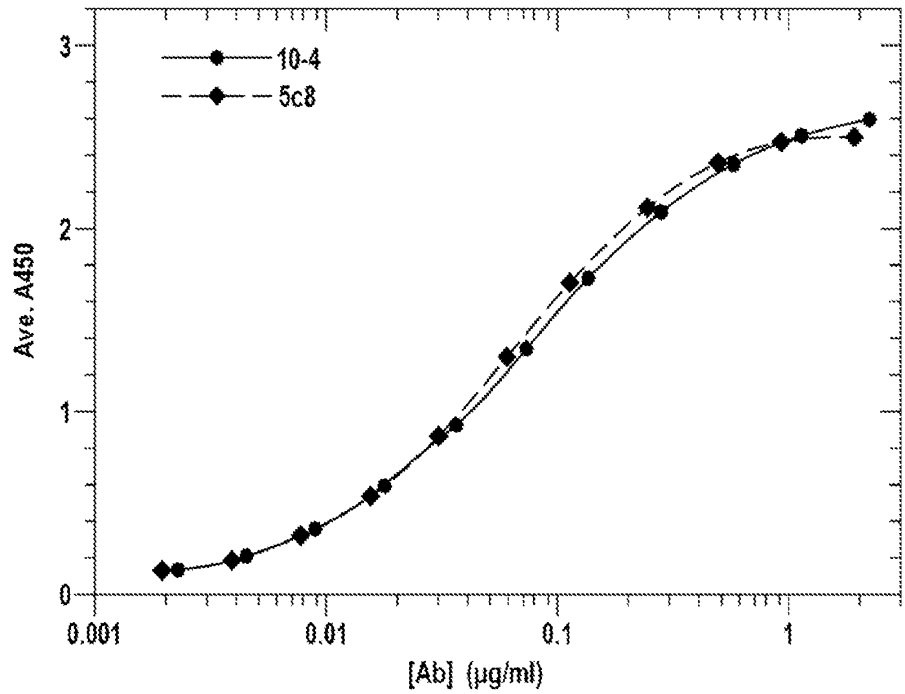


FIG. 16M

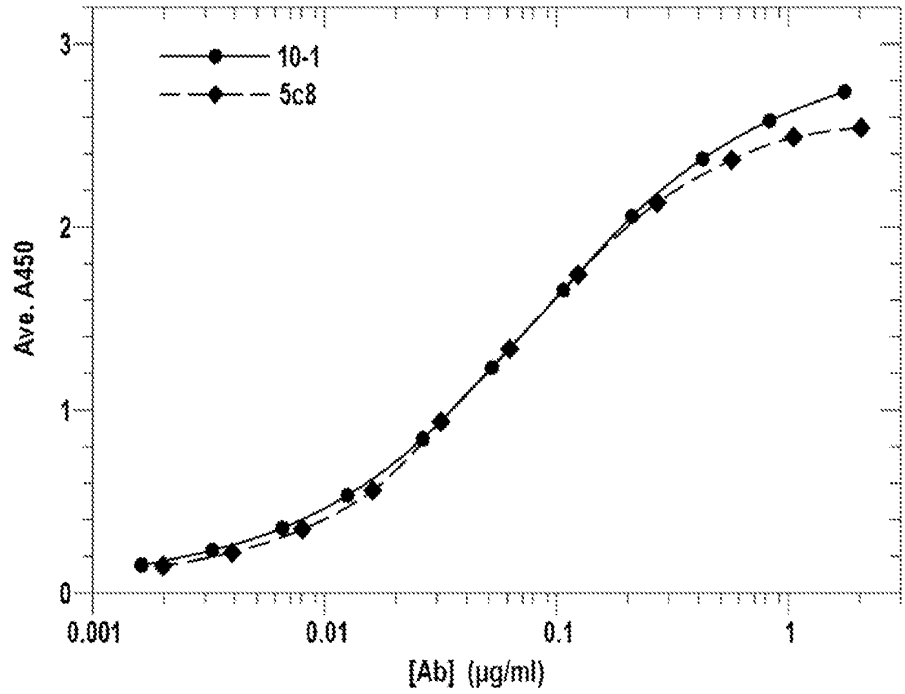


FIG. 16N

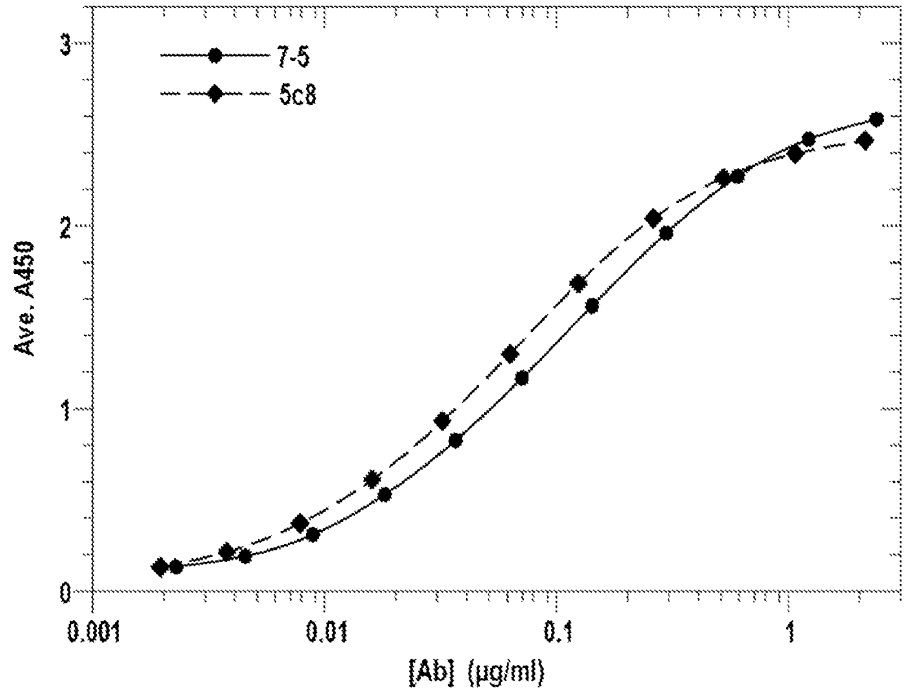


FIG. 16O

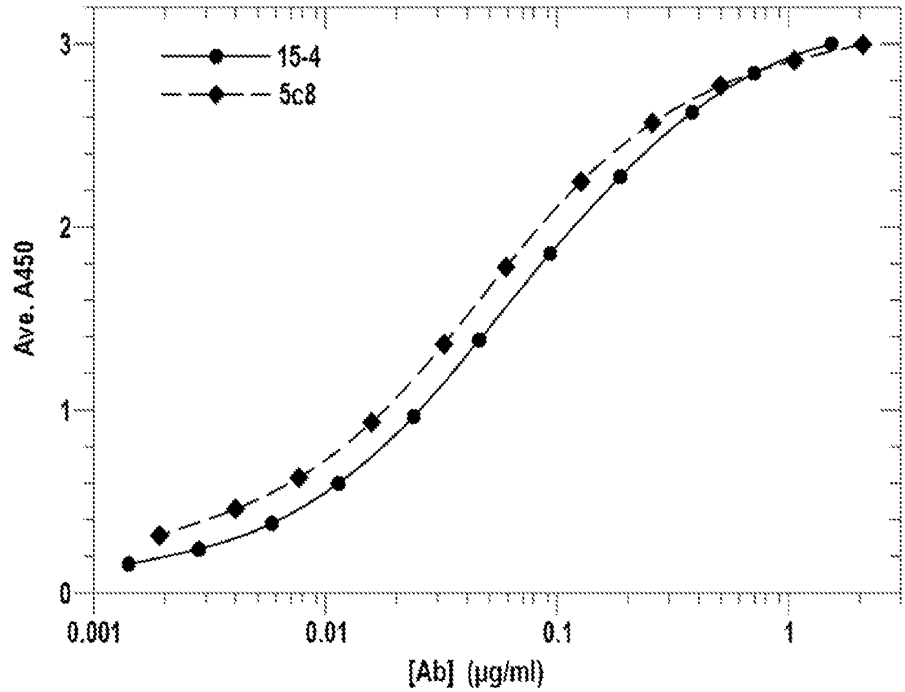


FIG. 16P

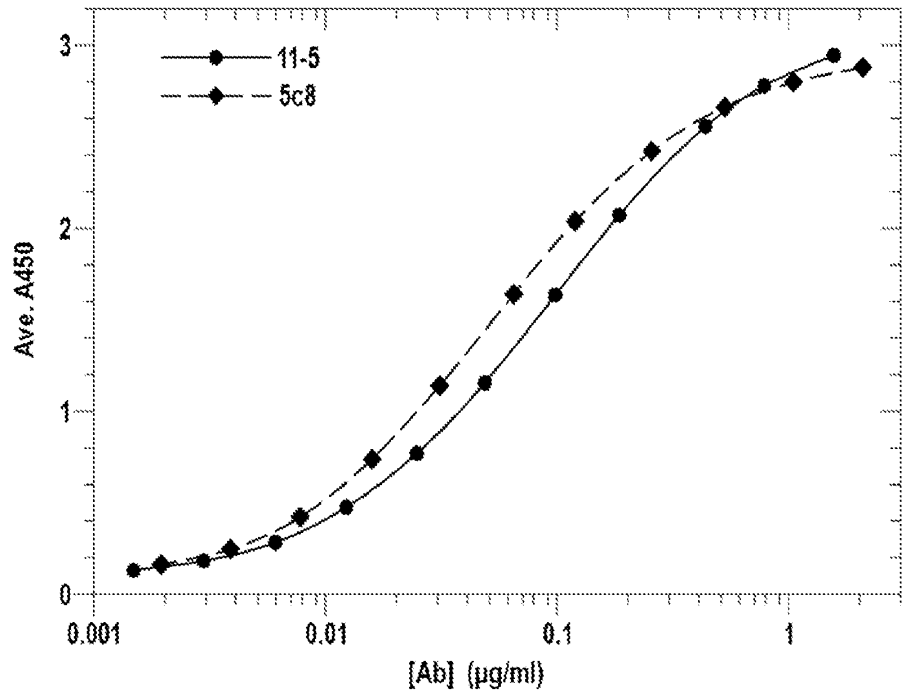


FIG. 16Q

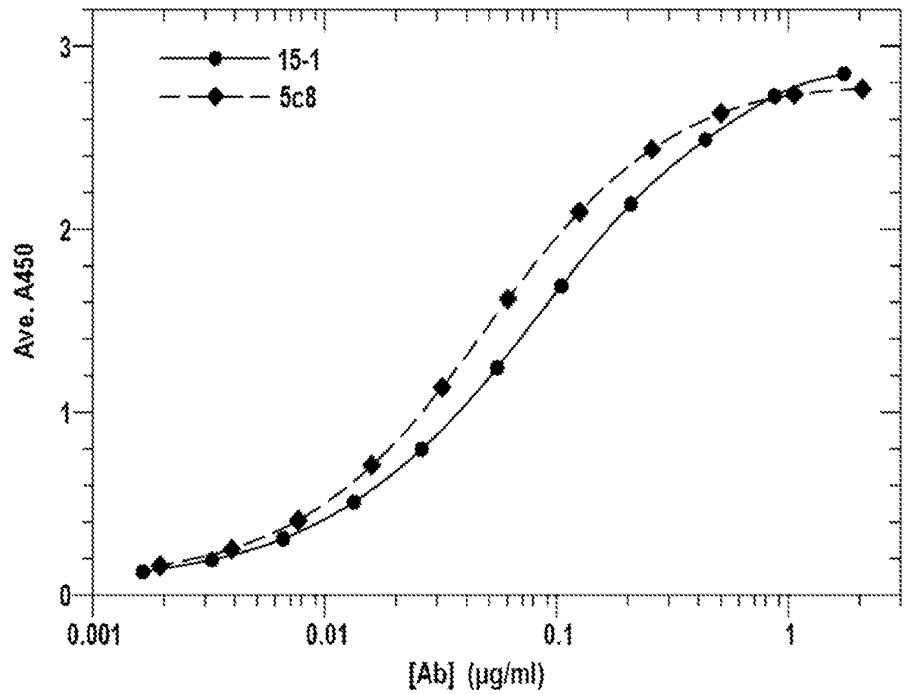


FIG. 17A

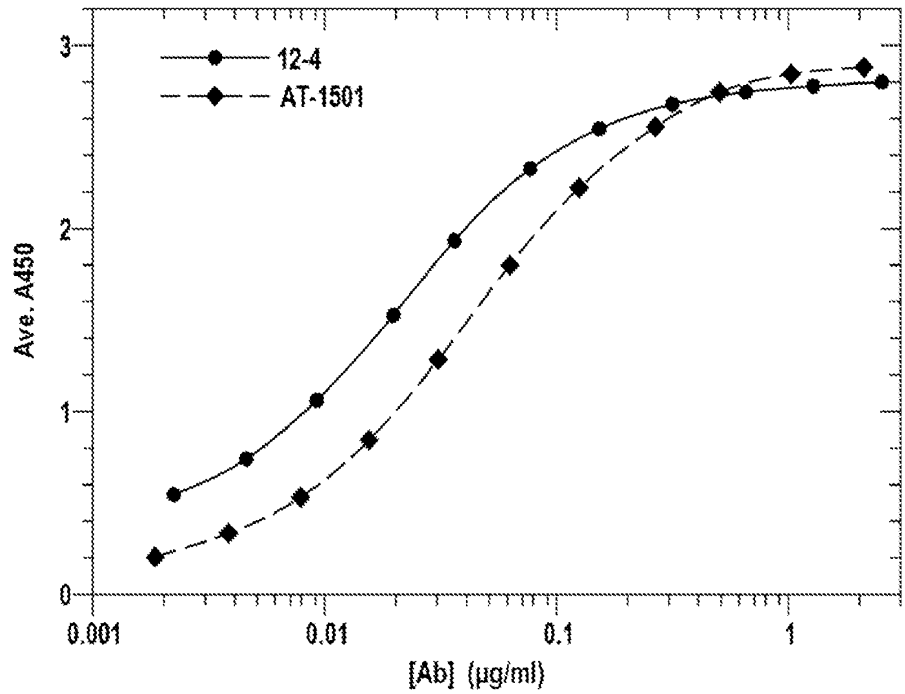


FIG. 17B

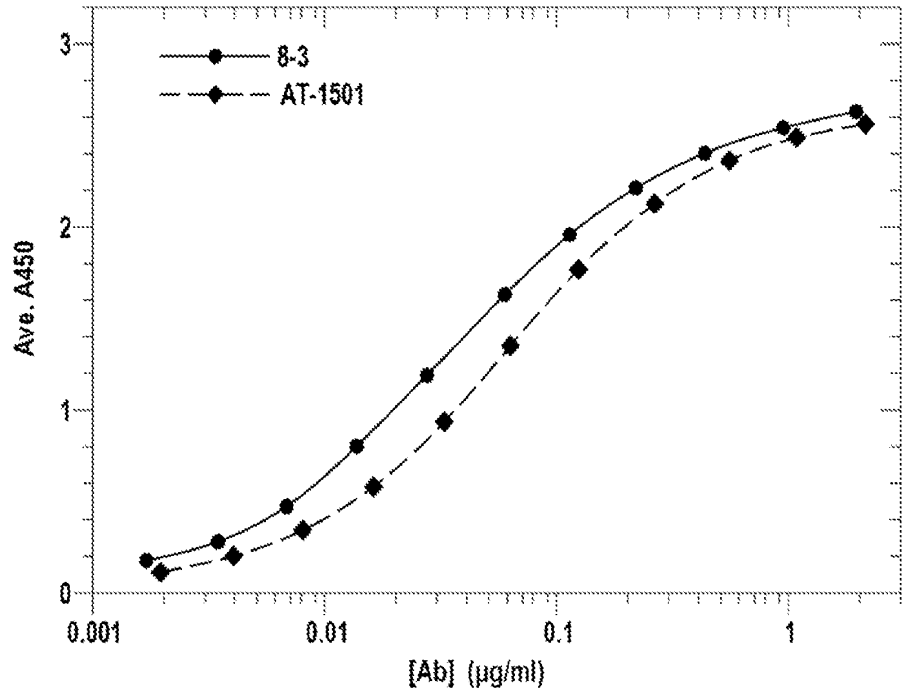


FIG. 17C

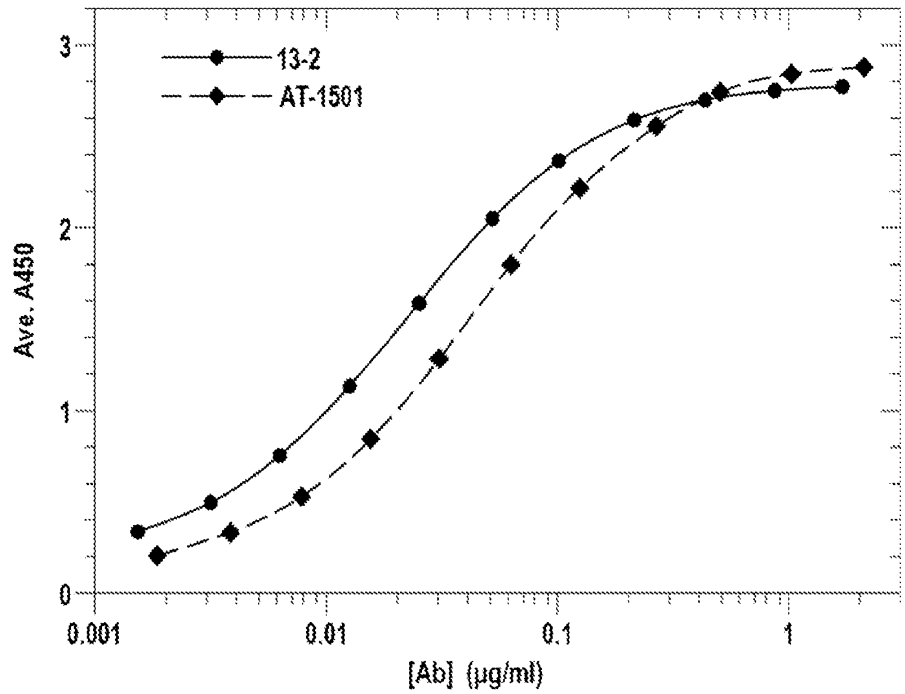


FIG. 17D

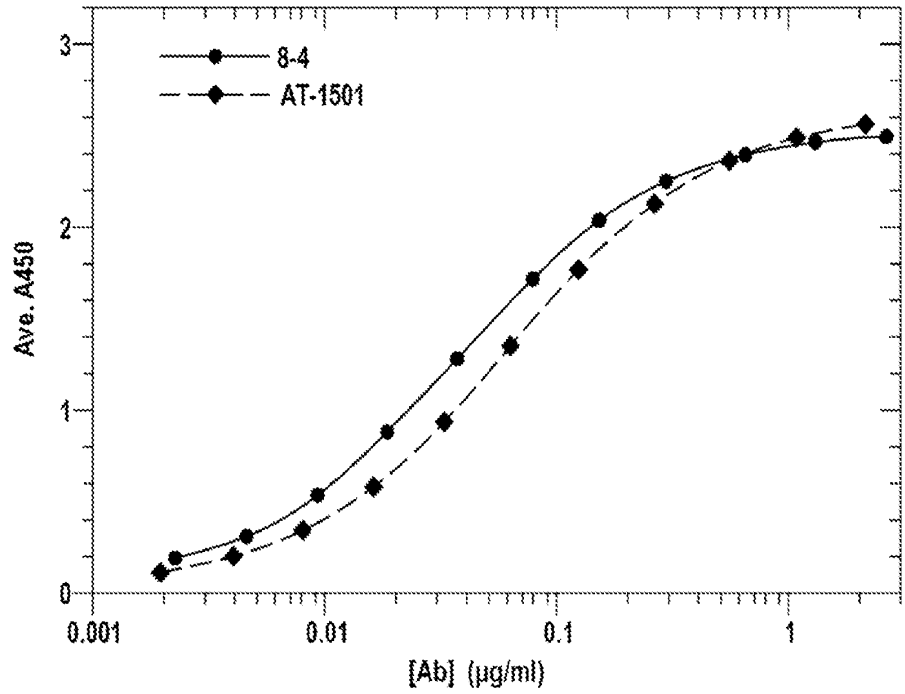


FIG. 17E

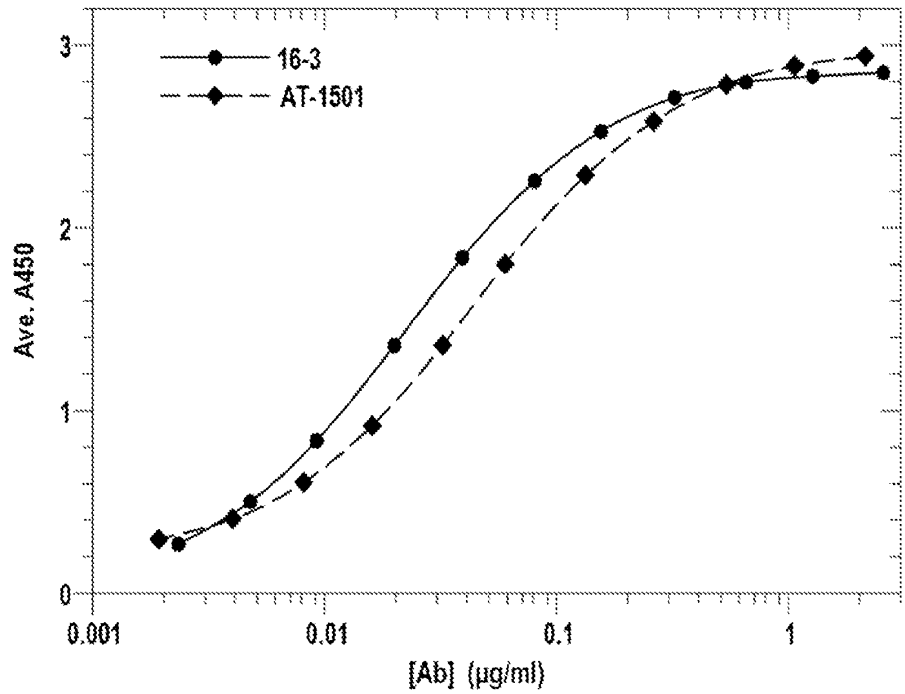


FIG. 17F

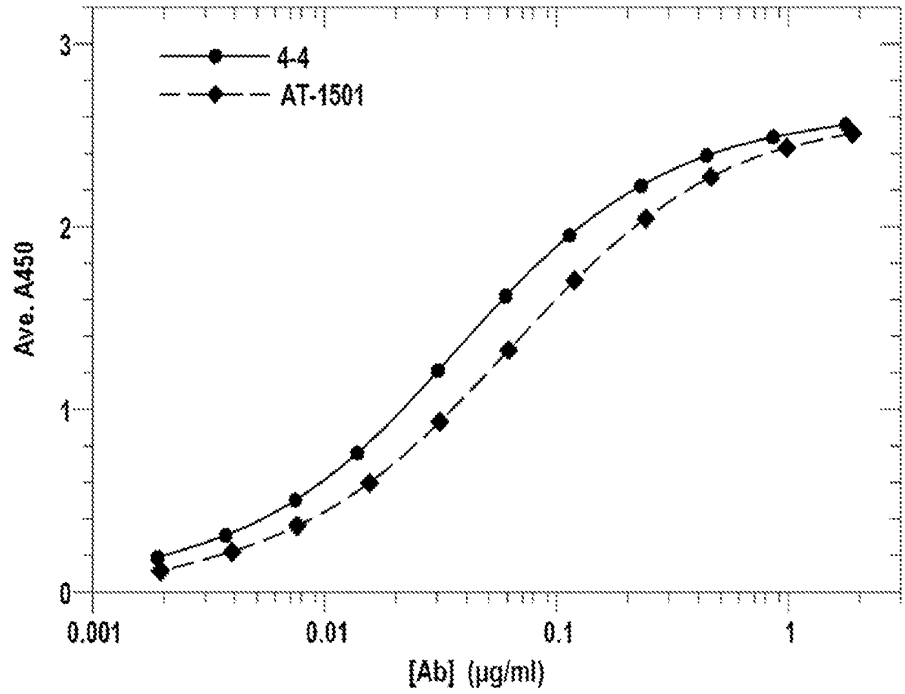


FIG. 17G

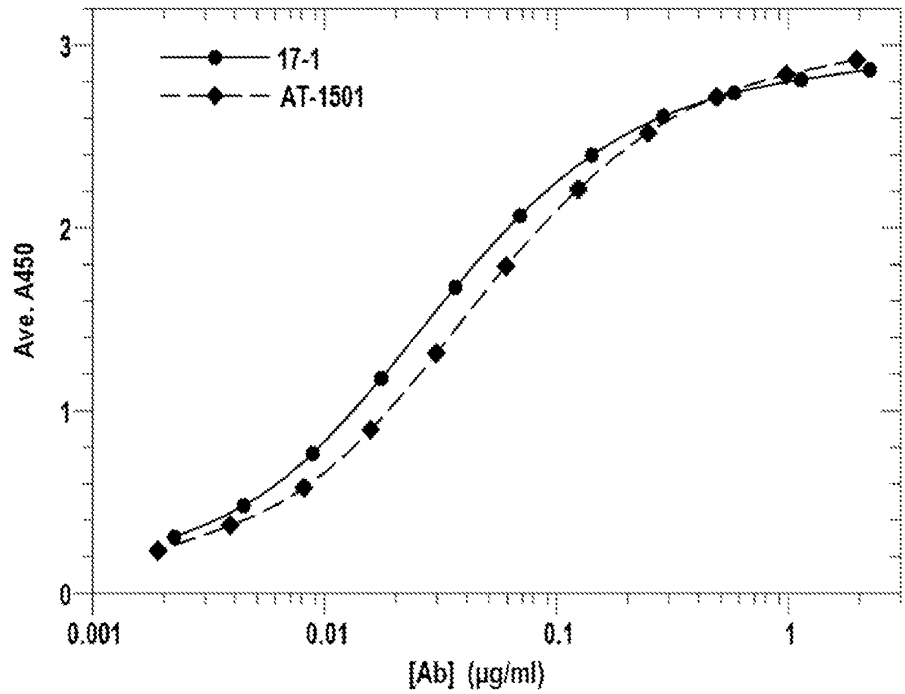


FIG. 17H

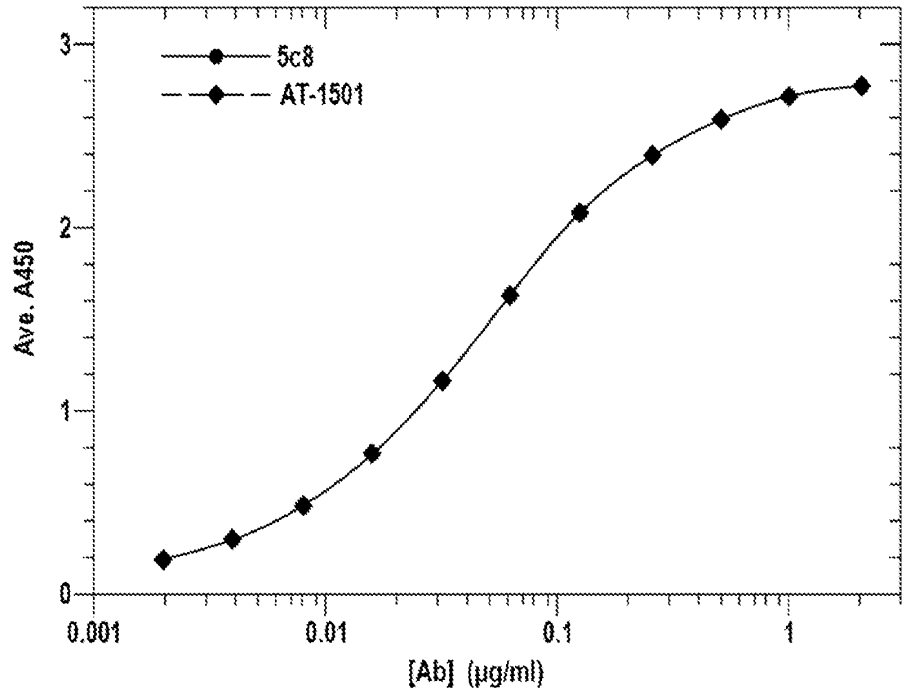


FIG. 17I

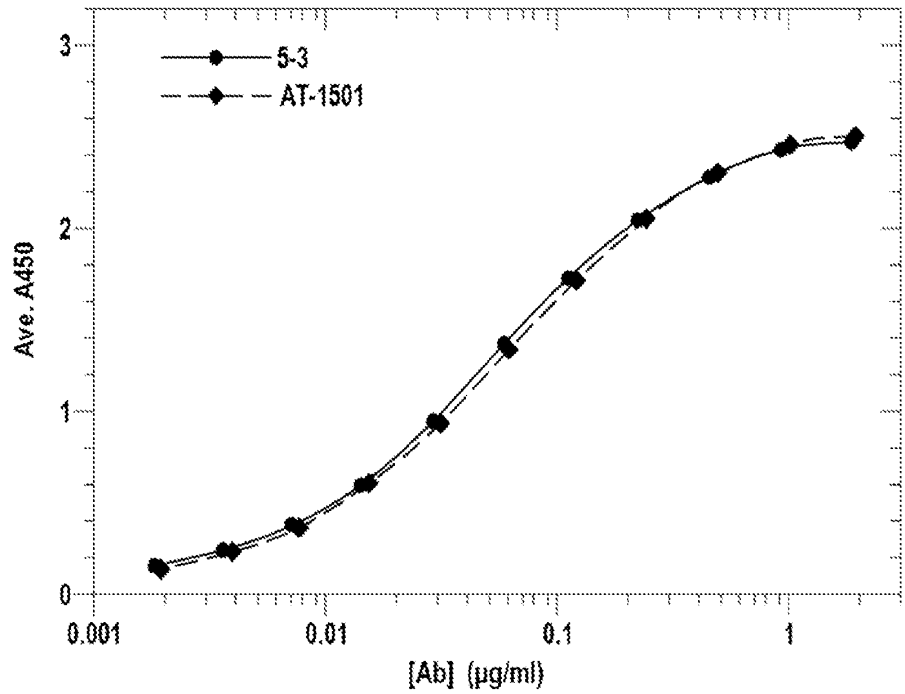


FIG. 17J

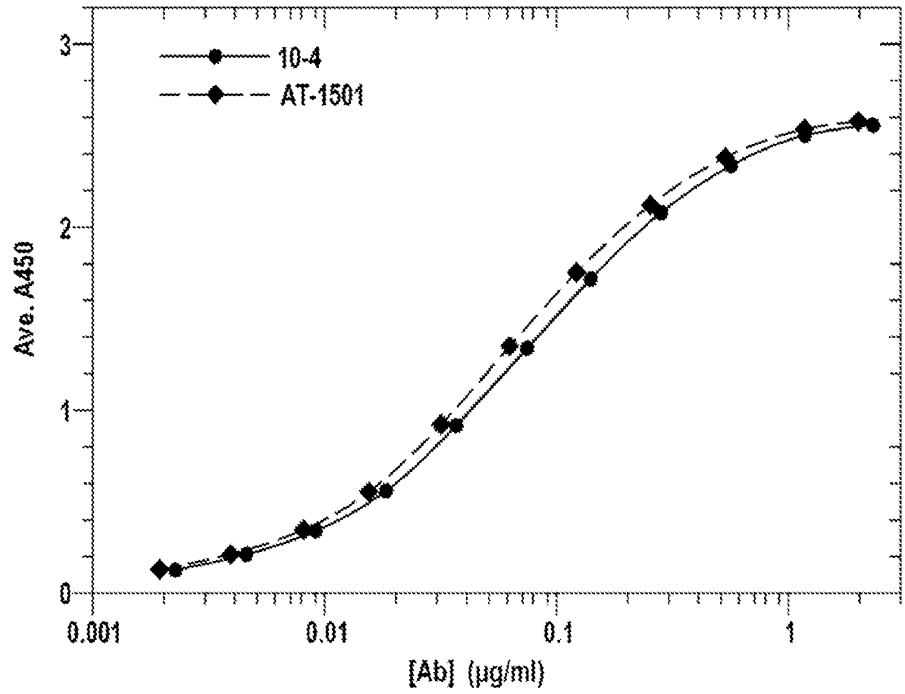


FIG. 17K

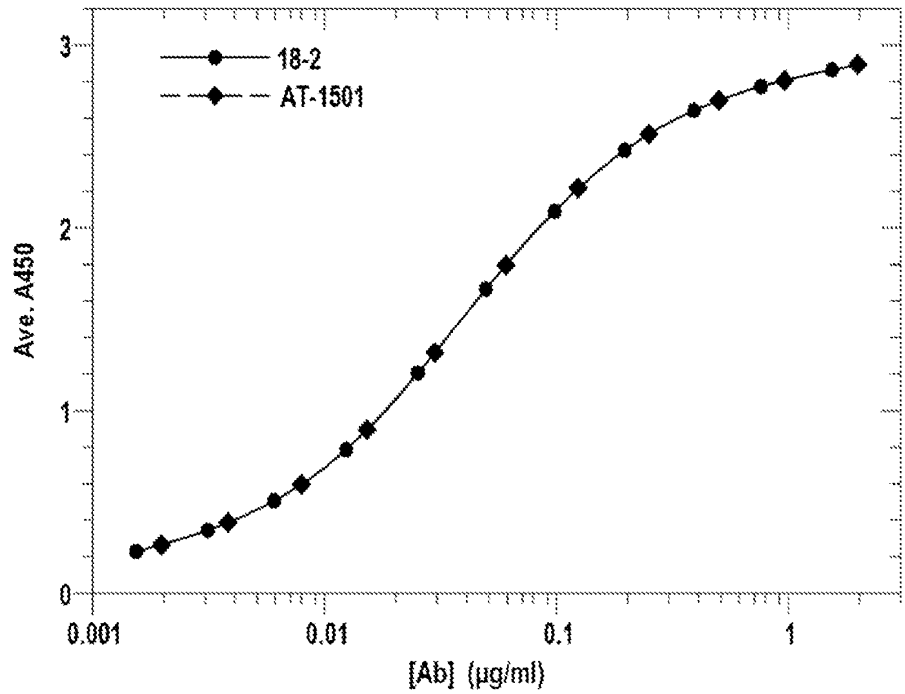


FIG. 17L

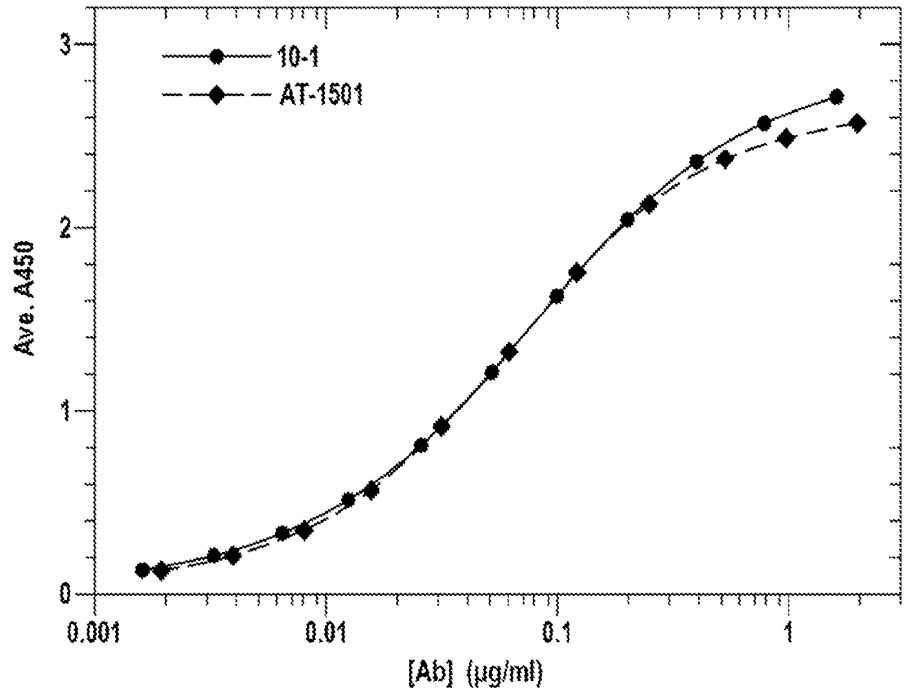


FIG. 17M

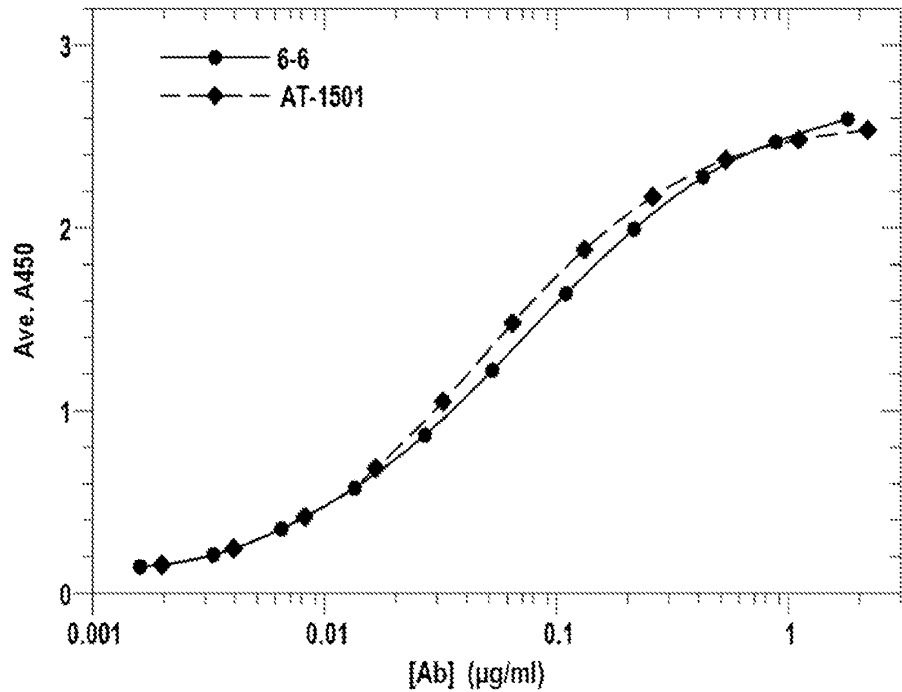


FIG. 17N

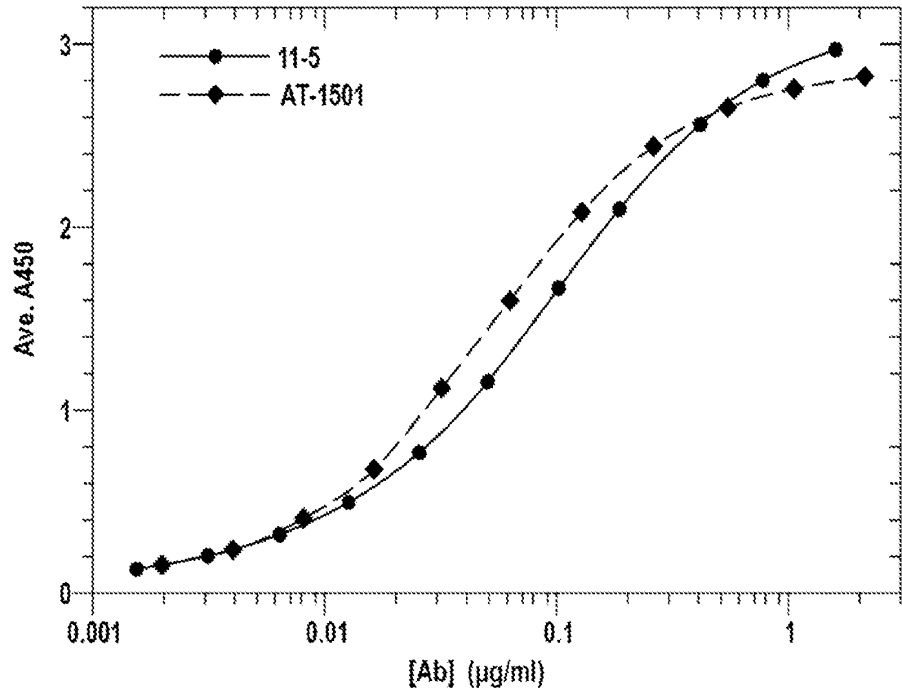


FIG. 17O

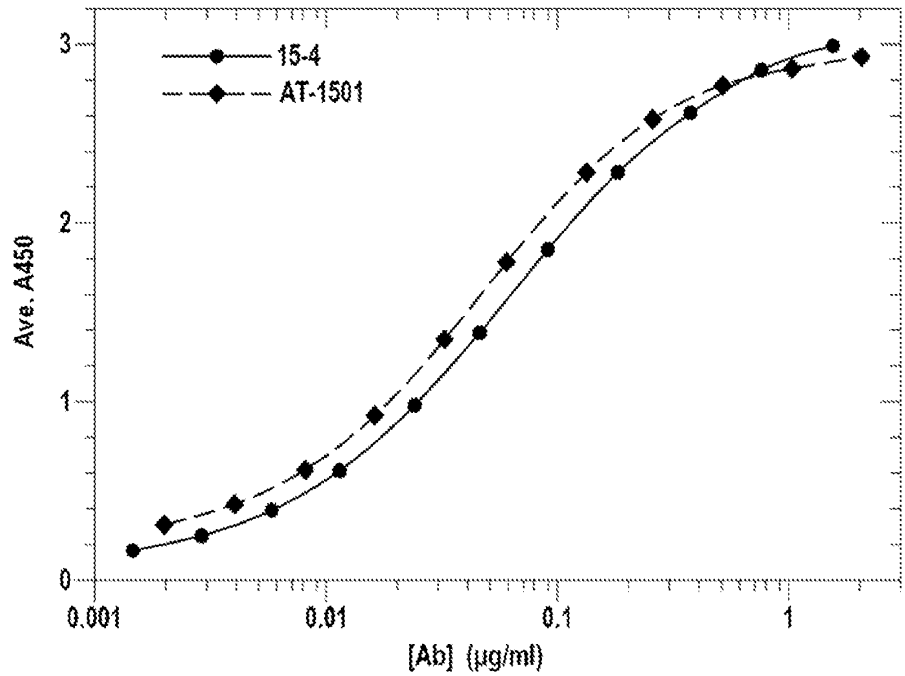
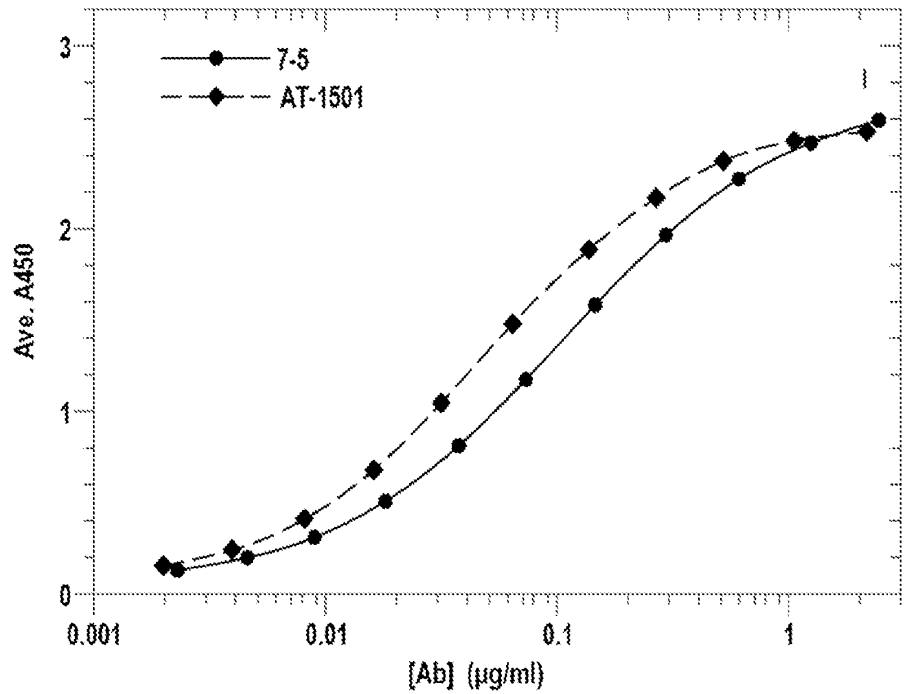
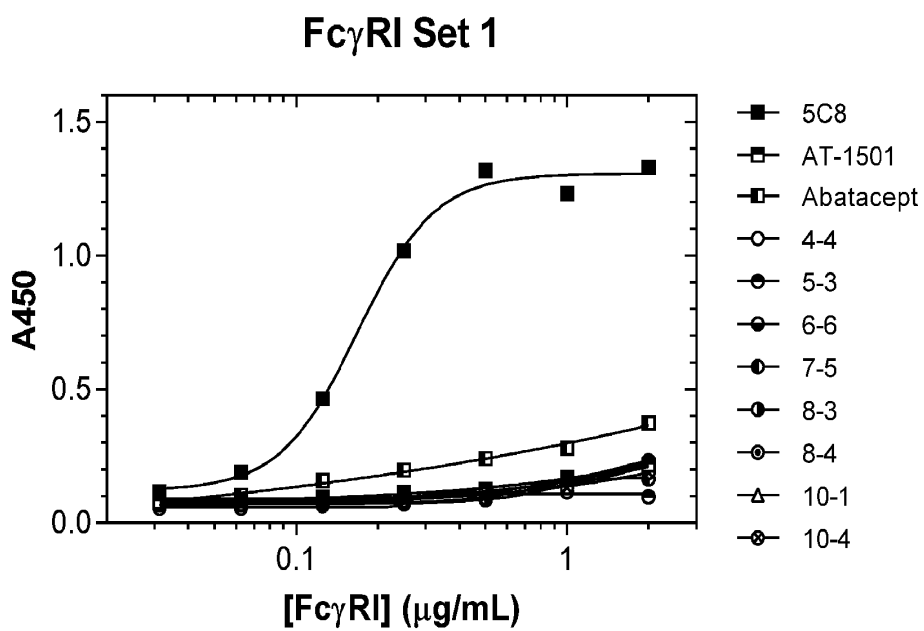
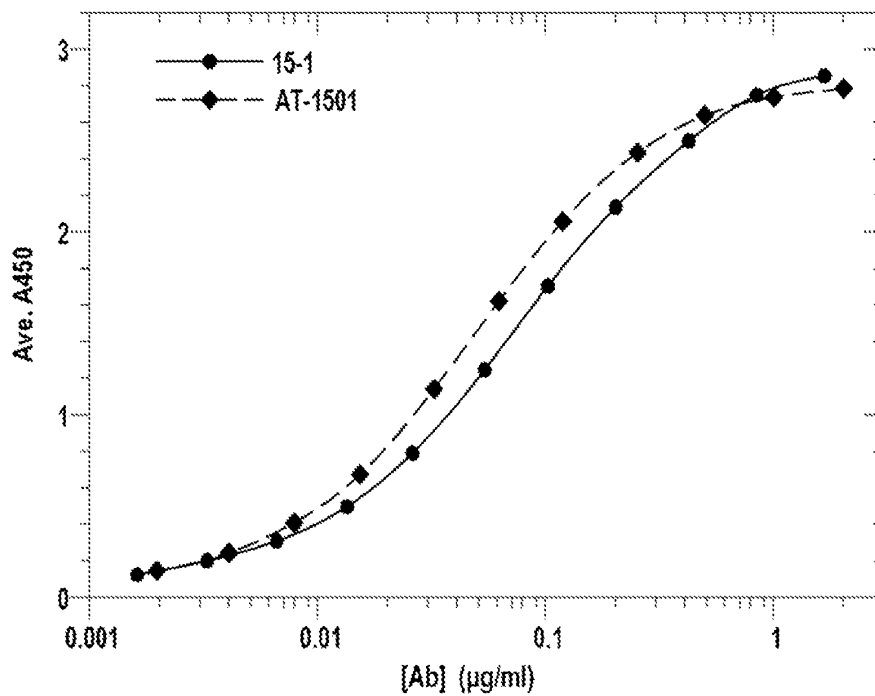


FIG. 17P





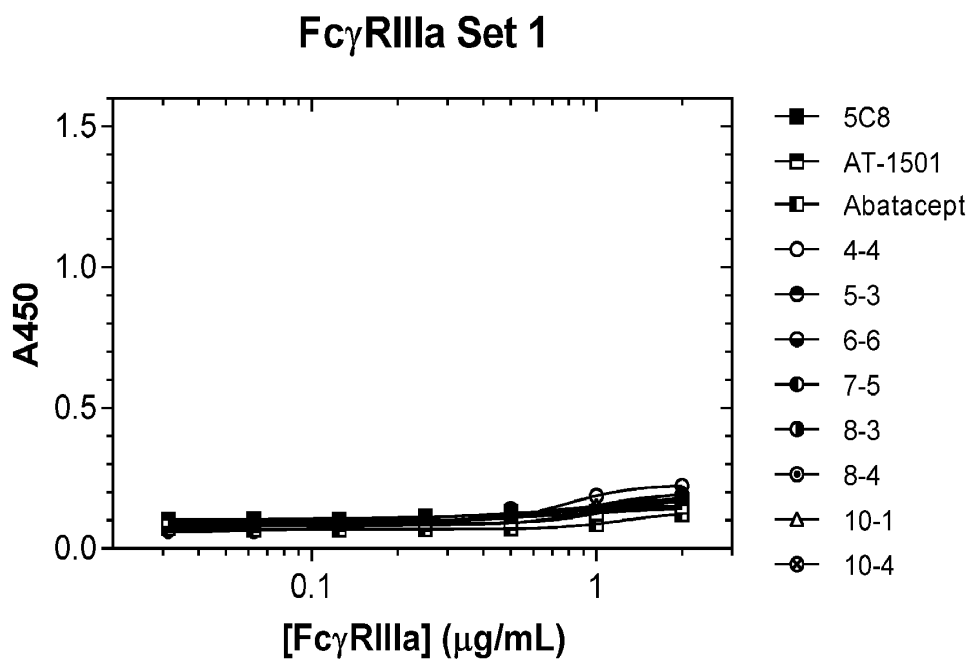
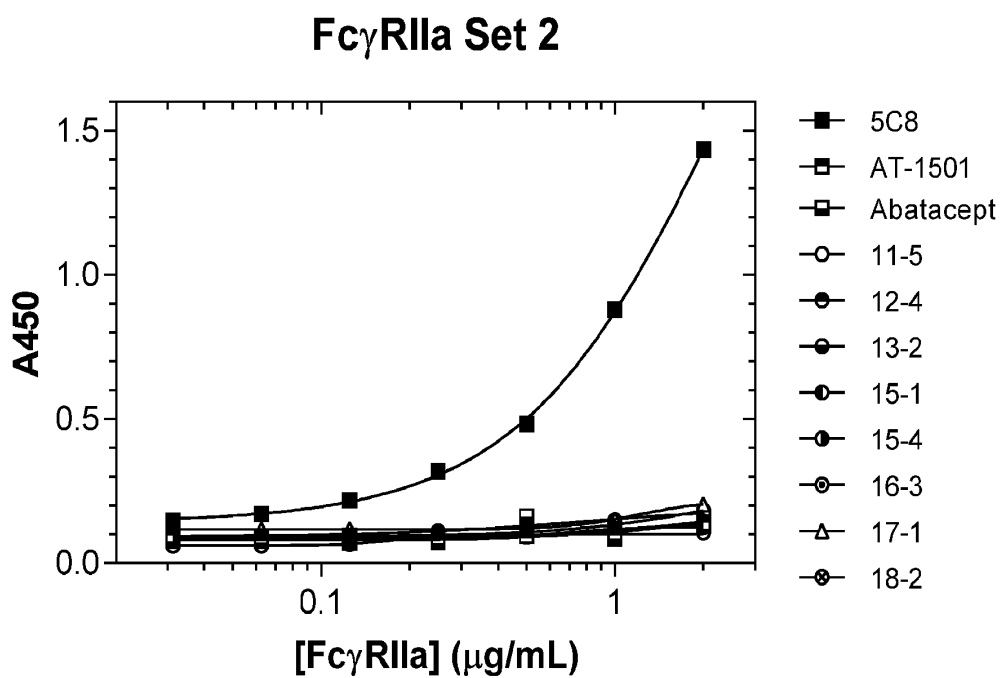


FIG. 20B

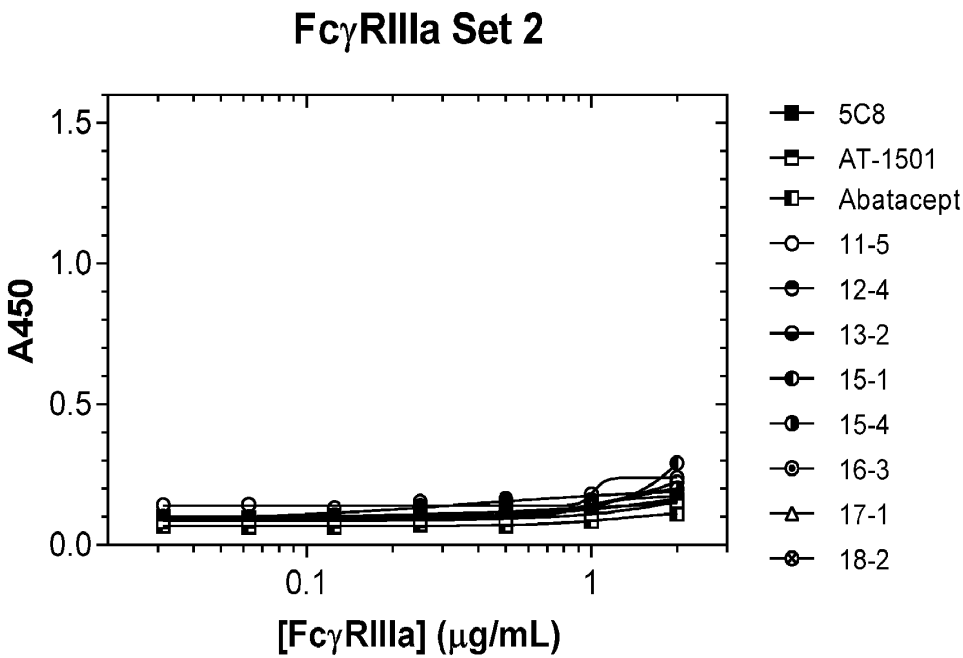


FIG. 20C

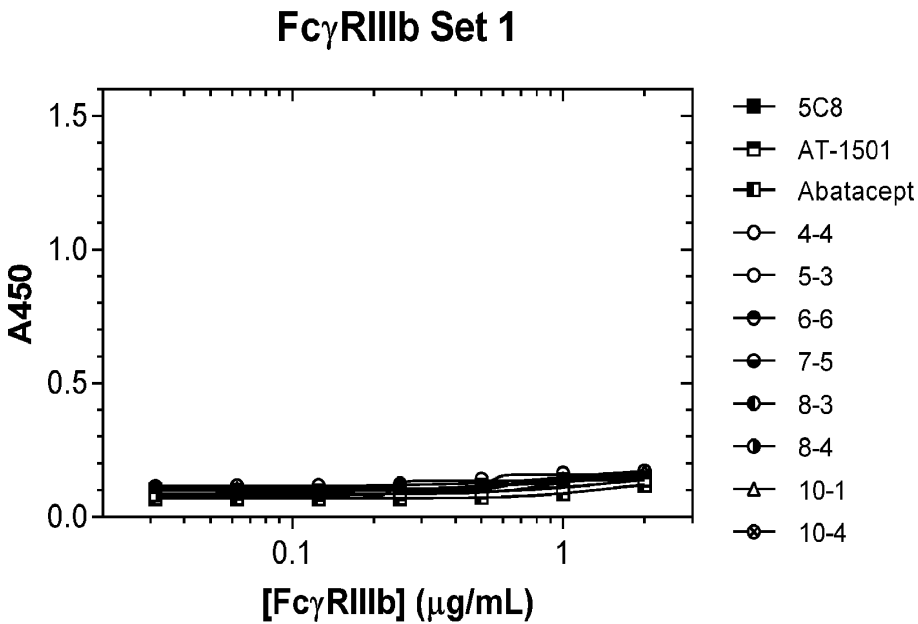


FIG. 20D

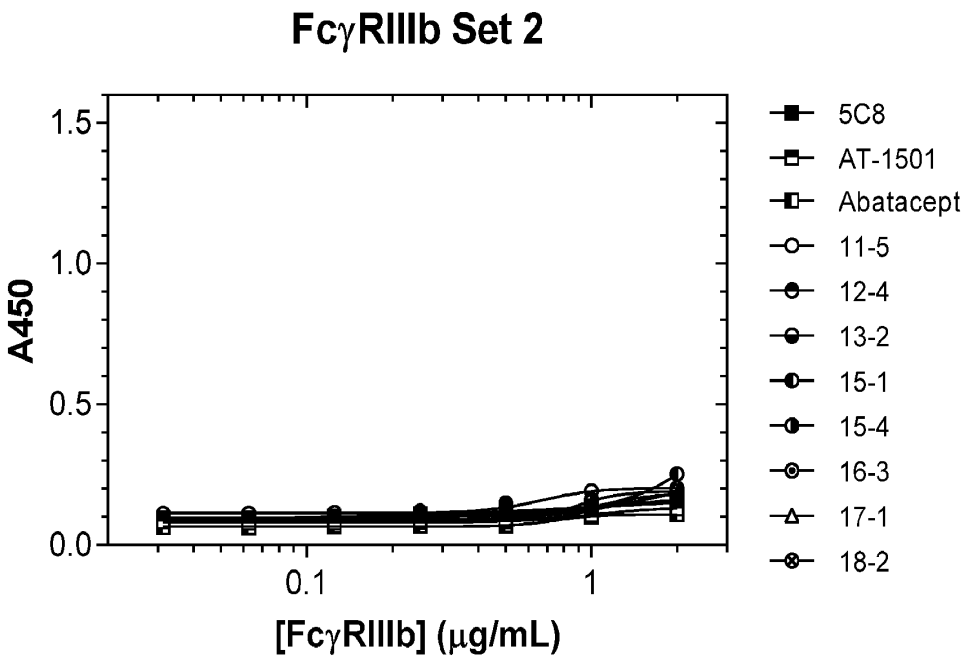
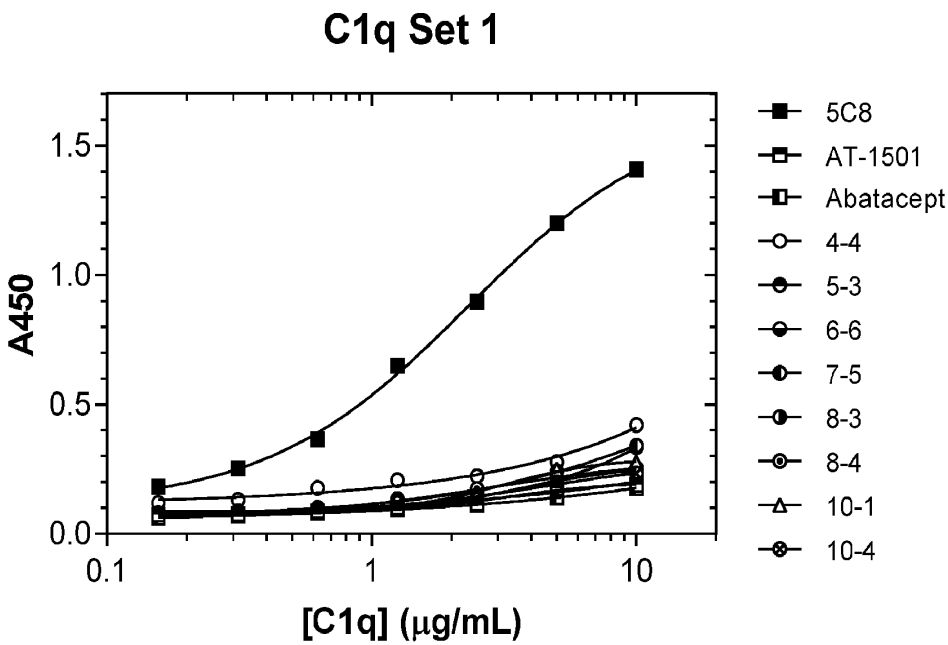


FIG. 21A



C1q Set 2

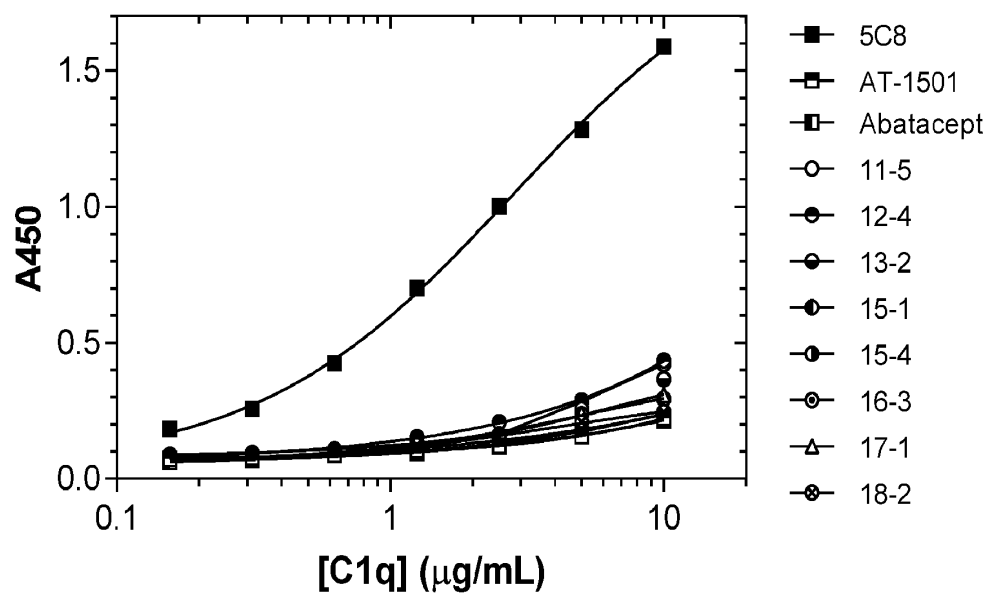


FIG. 22

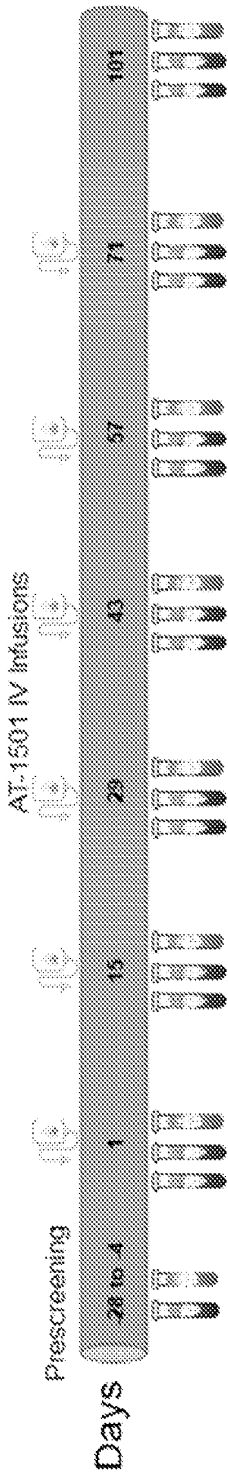


FIG. 23

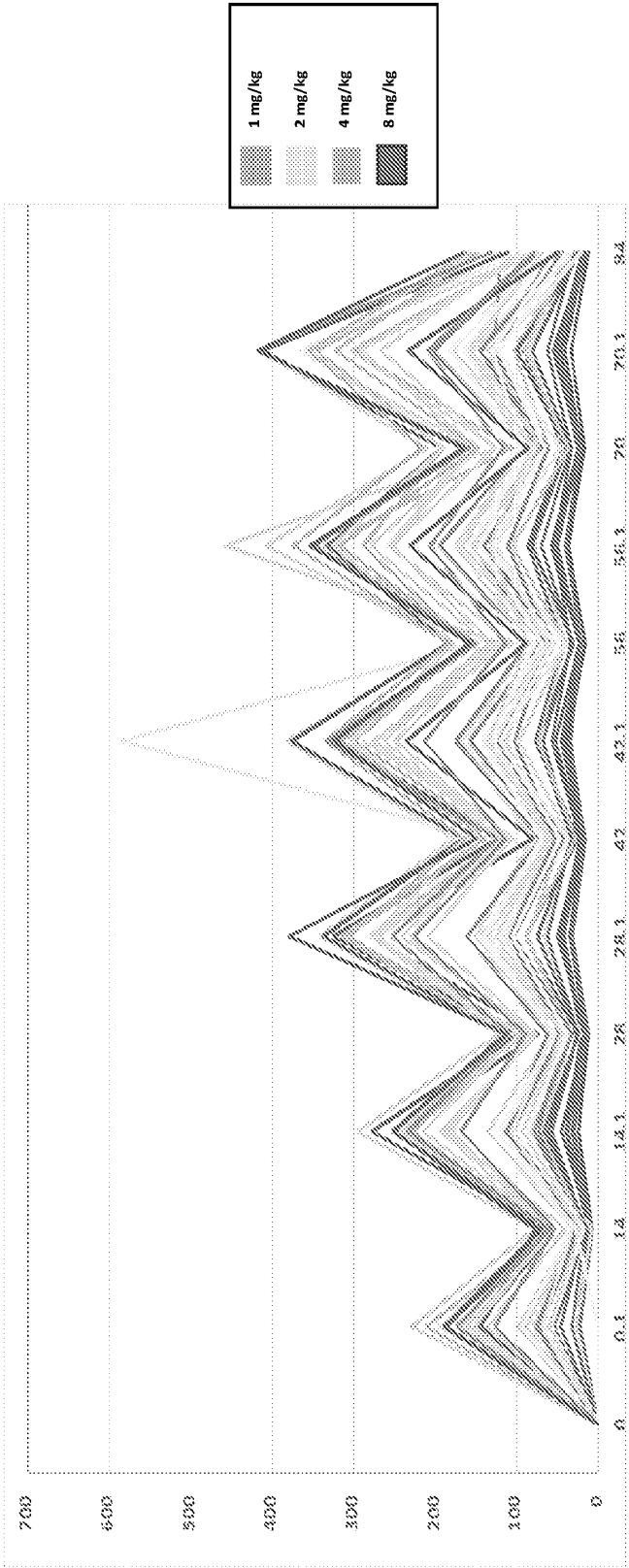


FIG. 24A

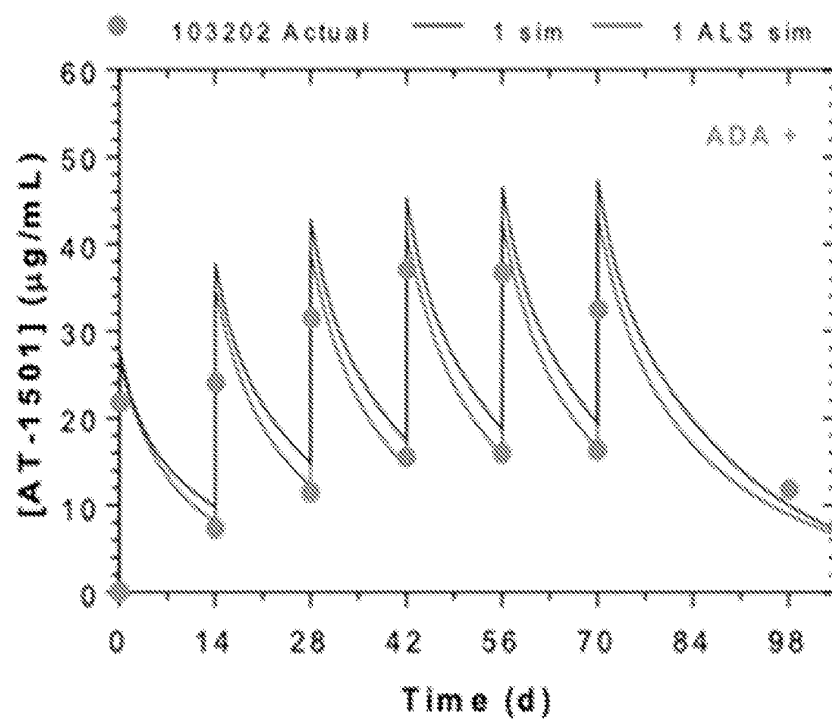


FIG. 24B

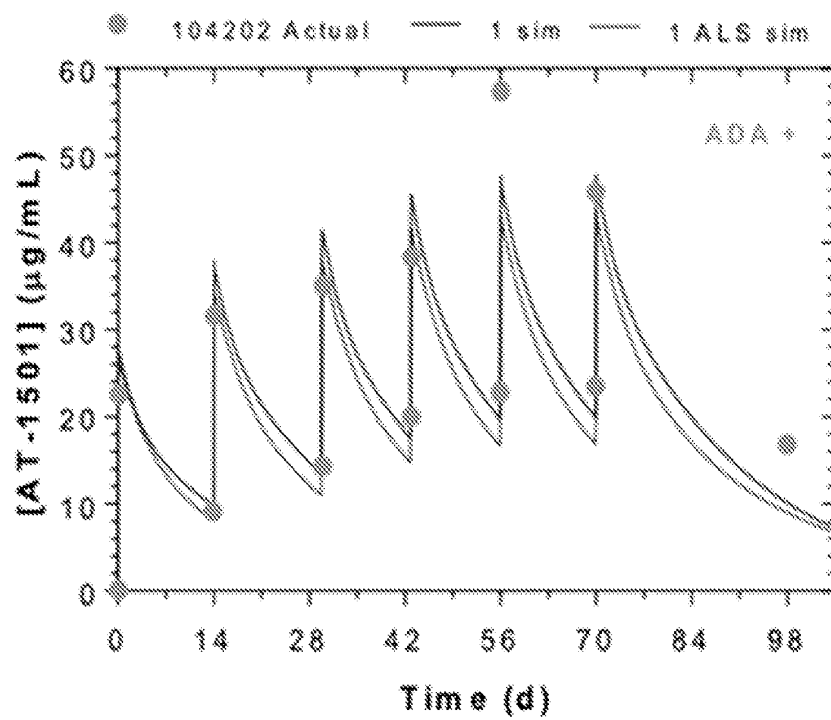


FIG. 24C

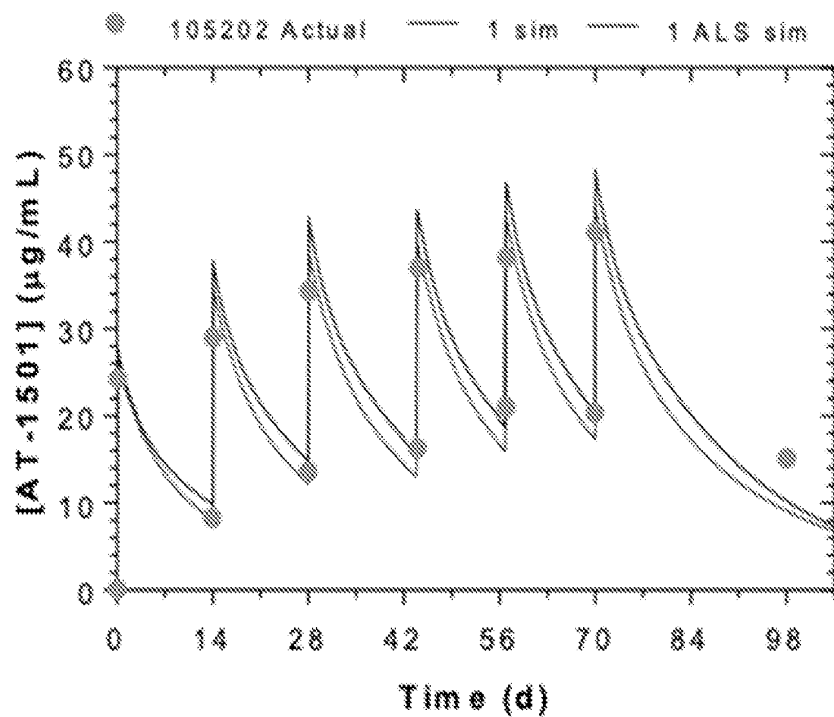


FIG. 24D

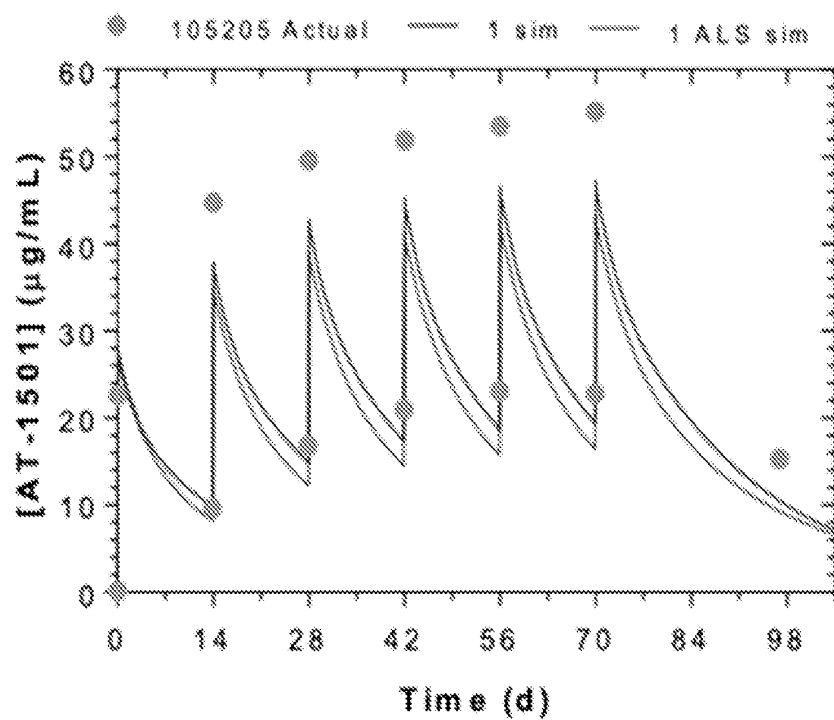


FIG. 24E

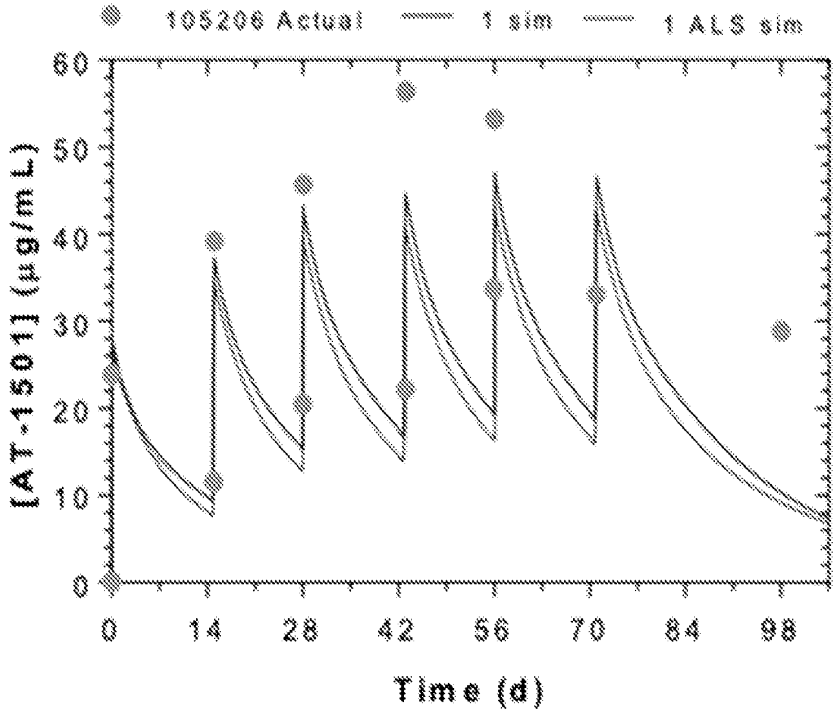


FIG. 24F

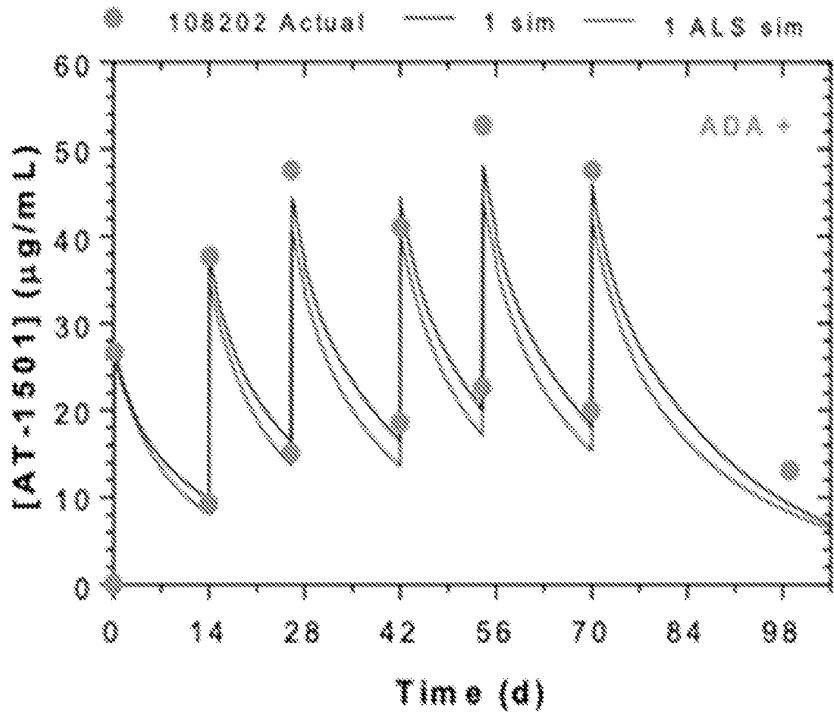


FIG. 24G

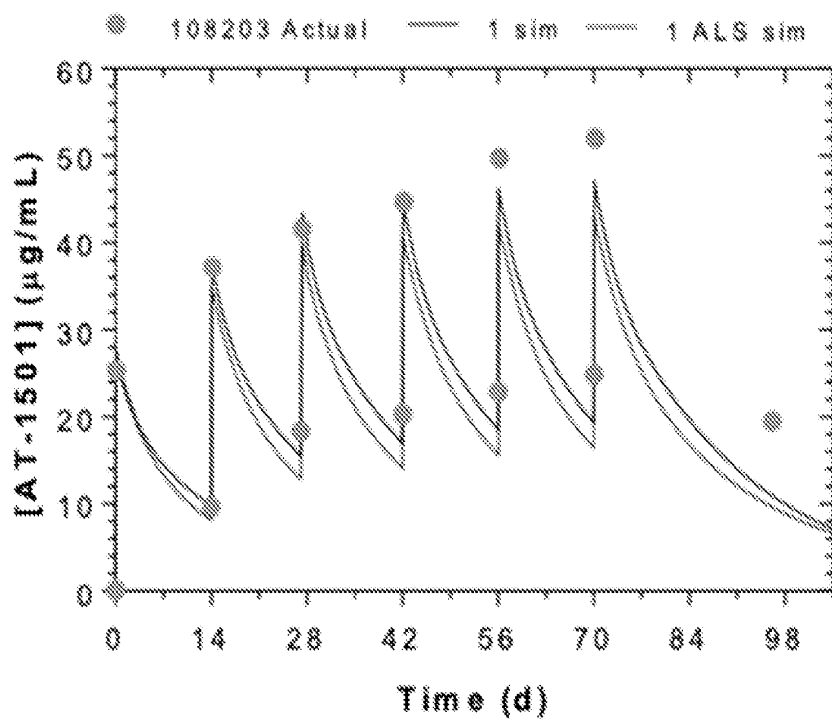


FIG. 24H

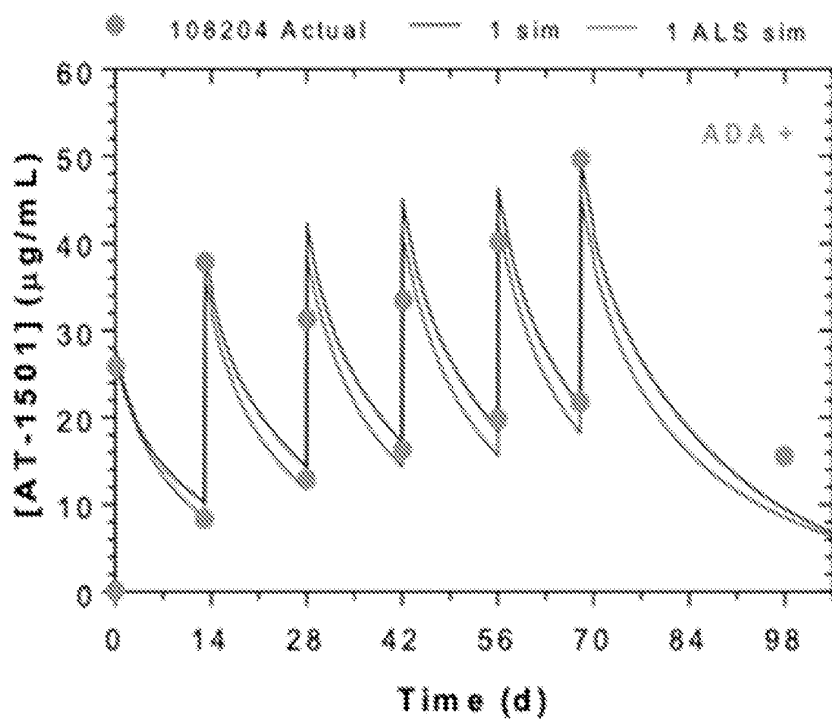


FIG. 24I

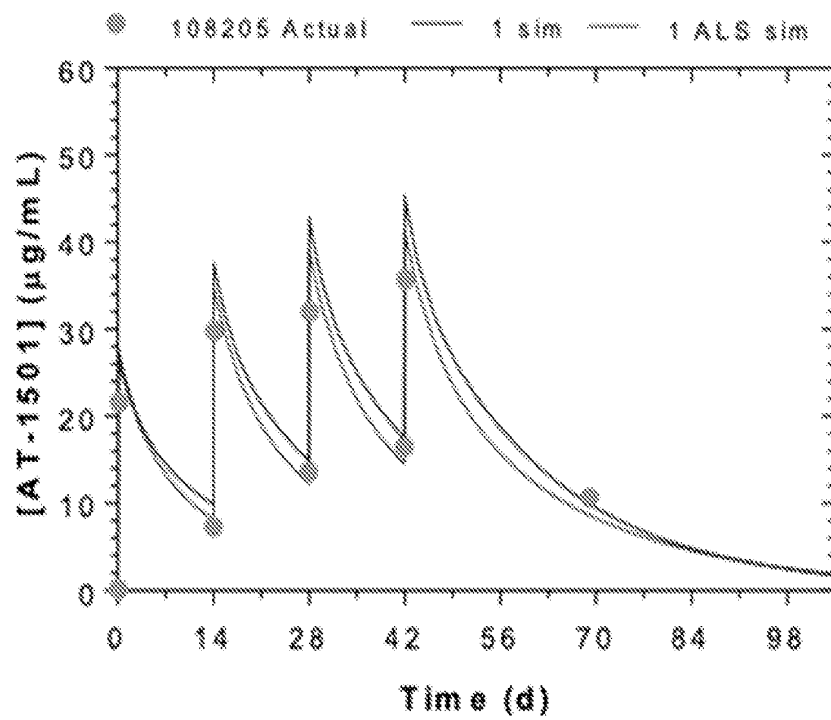


FIG. 25

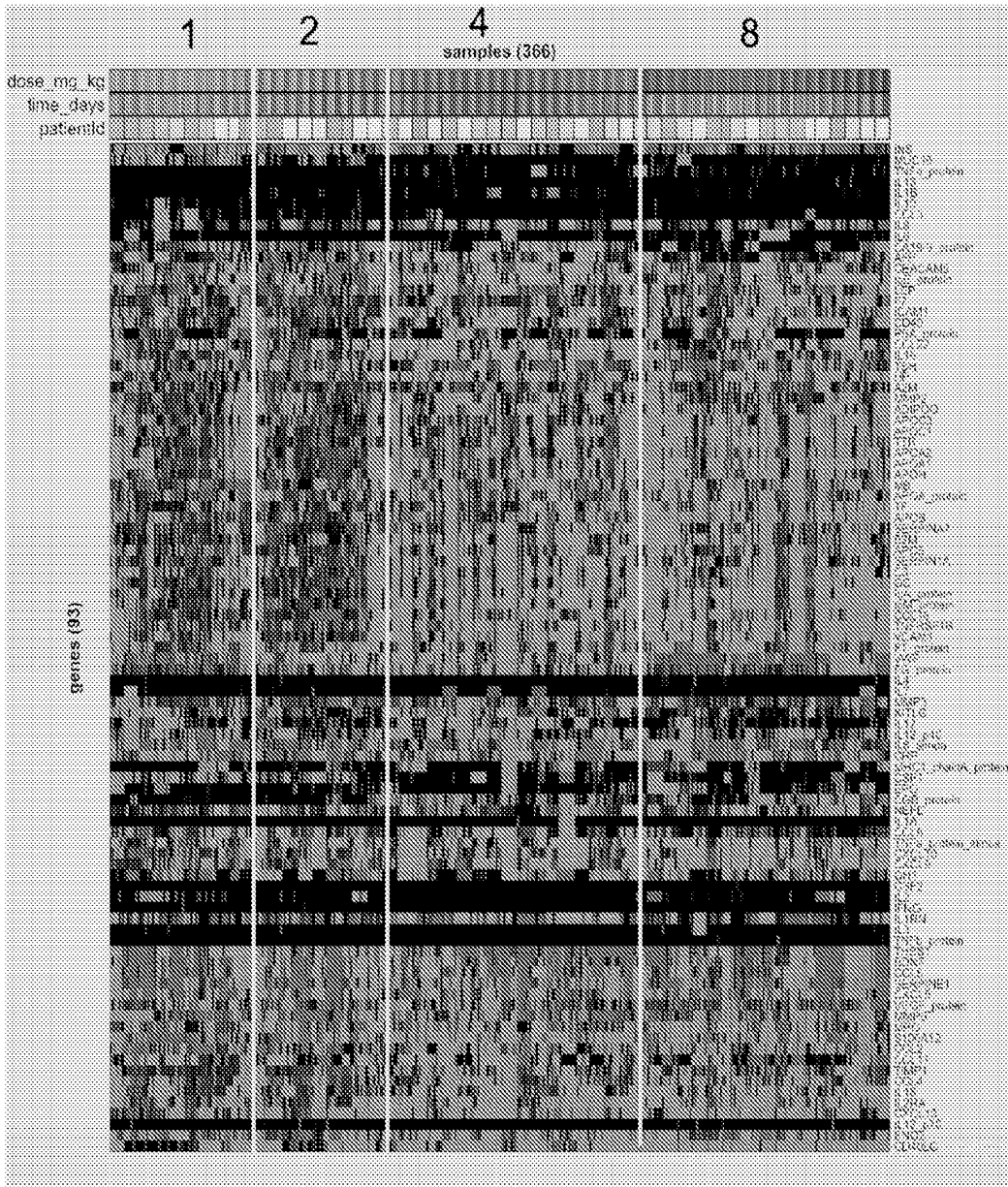


FIG. 26A

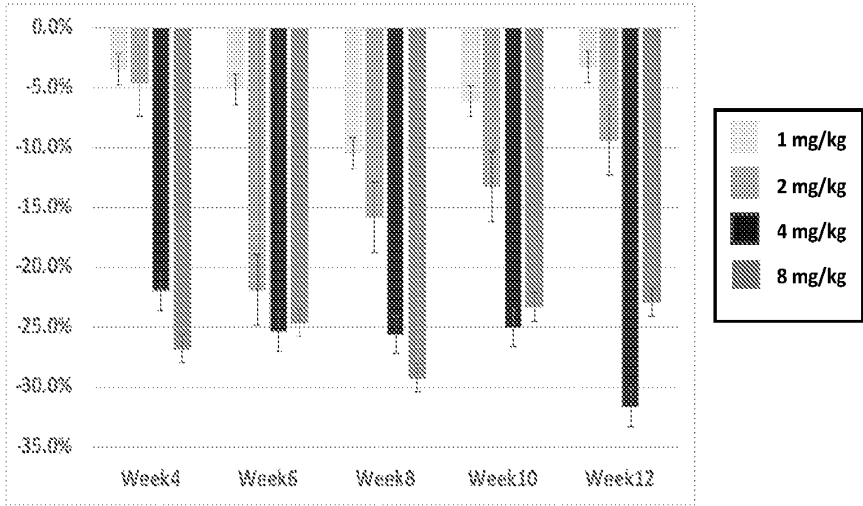


FIG. 26B

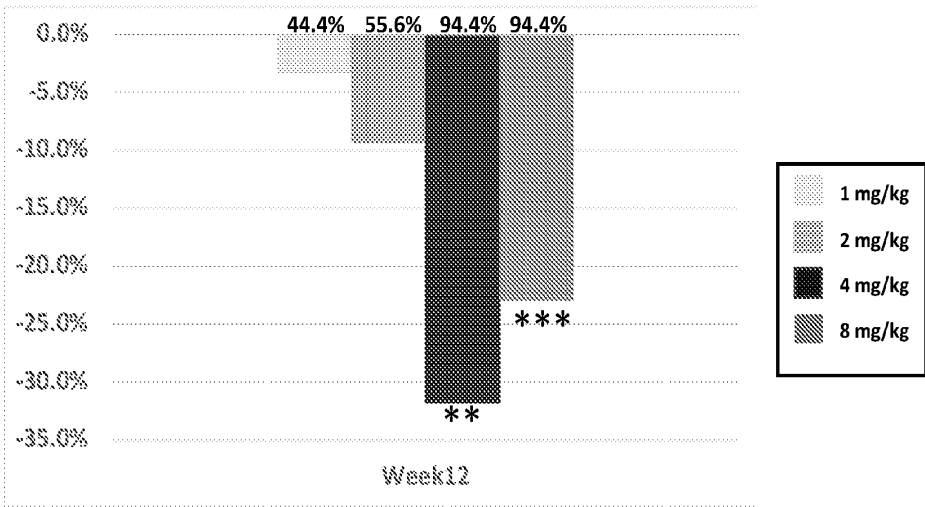


FIG. 27A

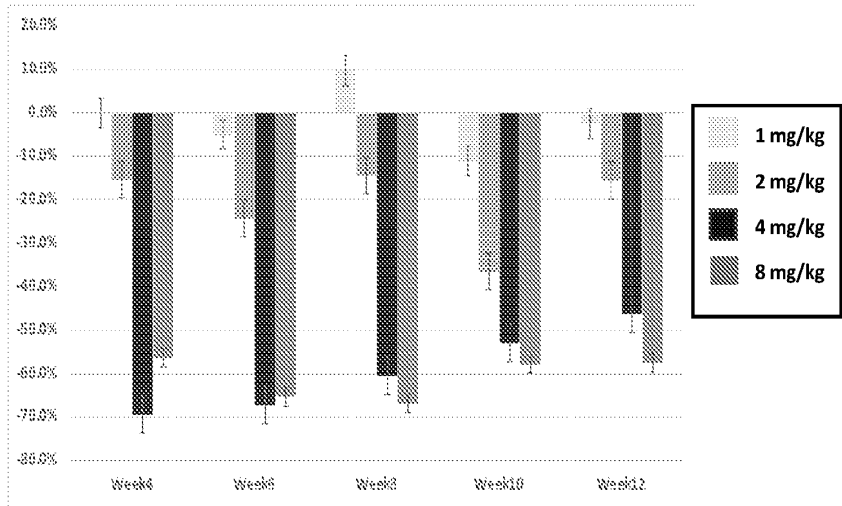


FIG. 27B

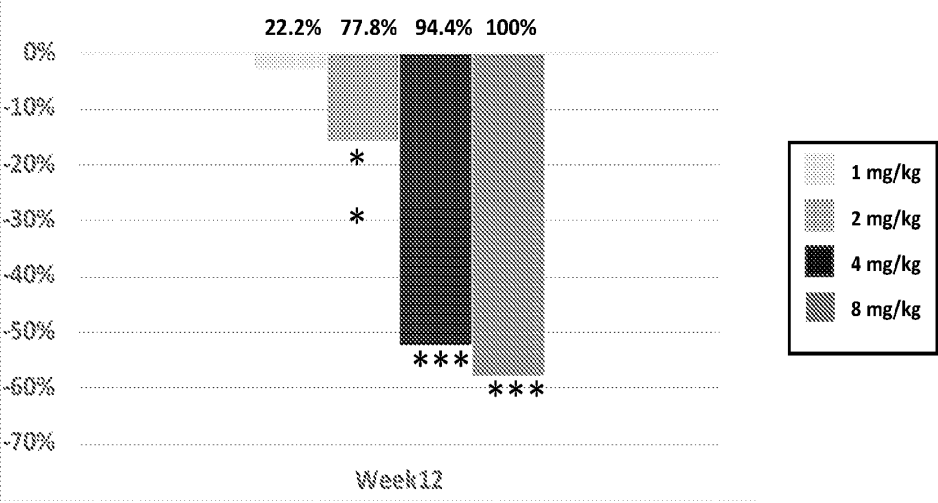


FIG. 28A

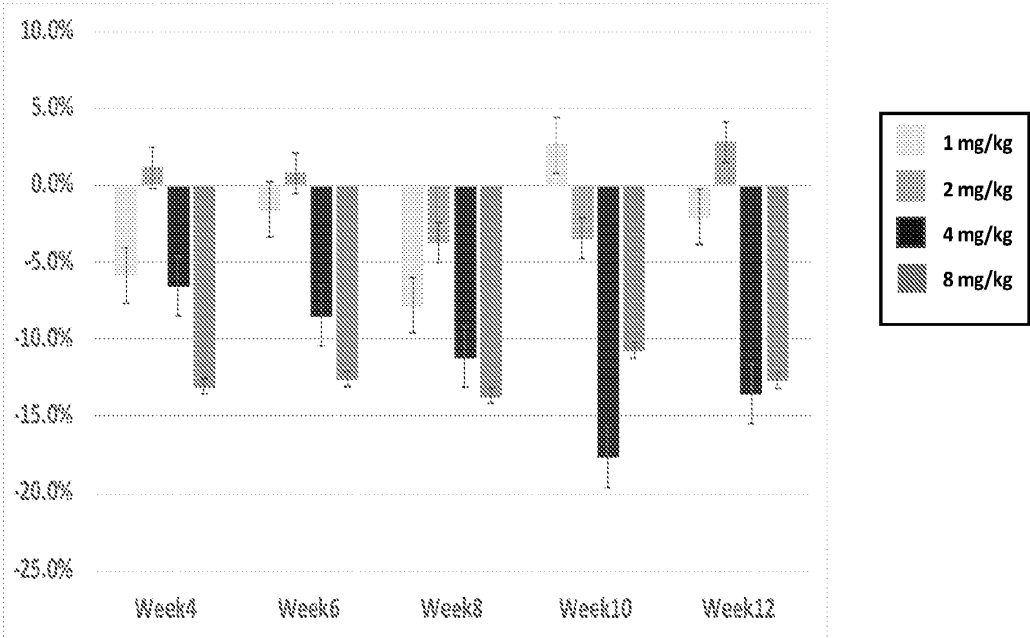


FIG. 28B

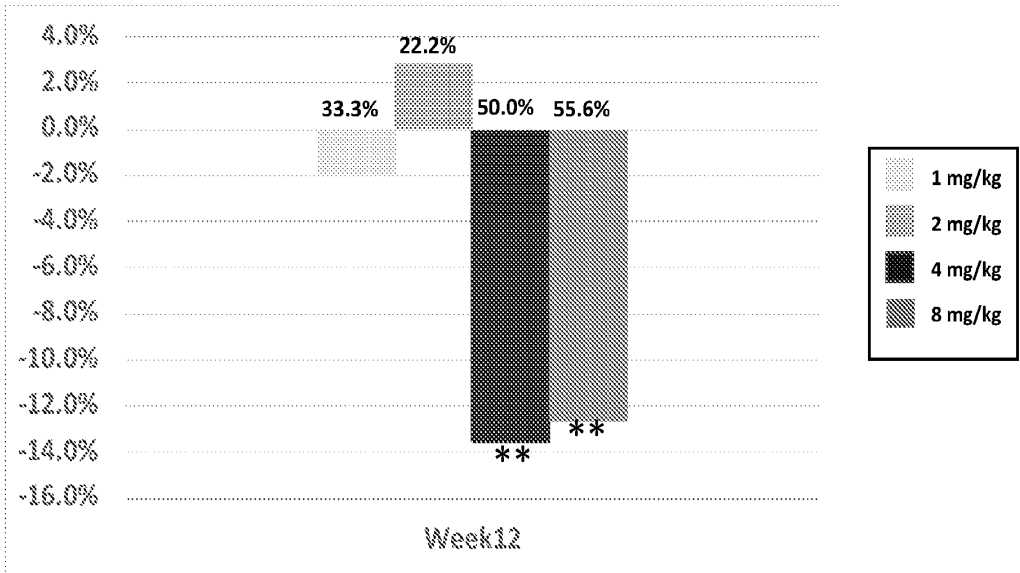


FIG. 29A

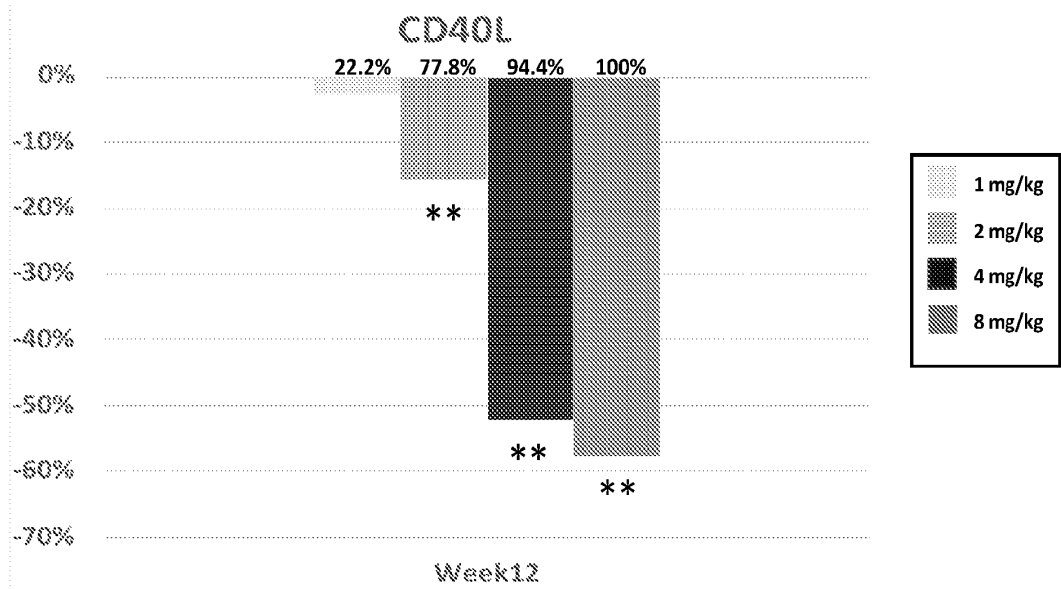


FIG. 29B

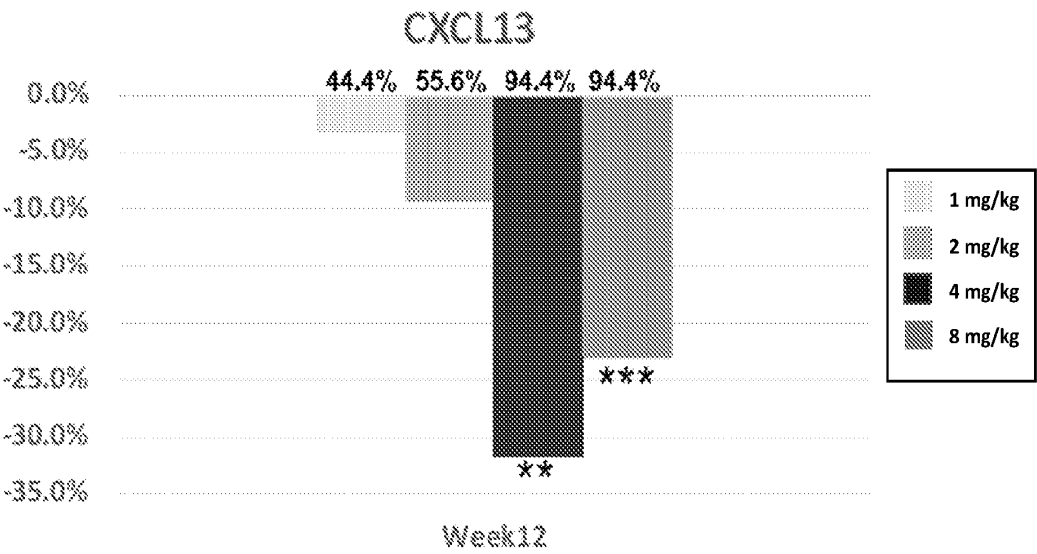


FIG. 29C

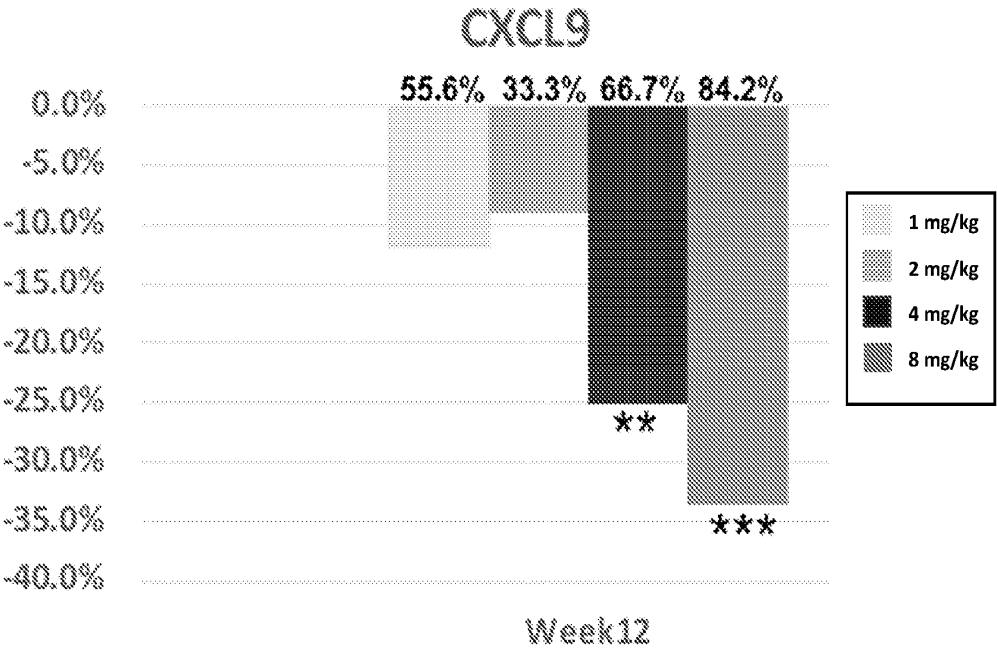


FIG. 29D

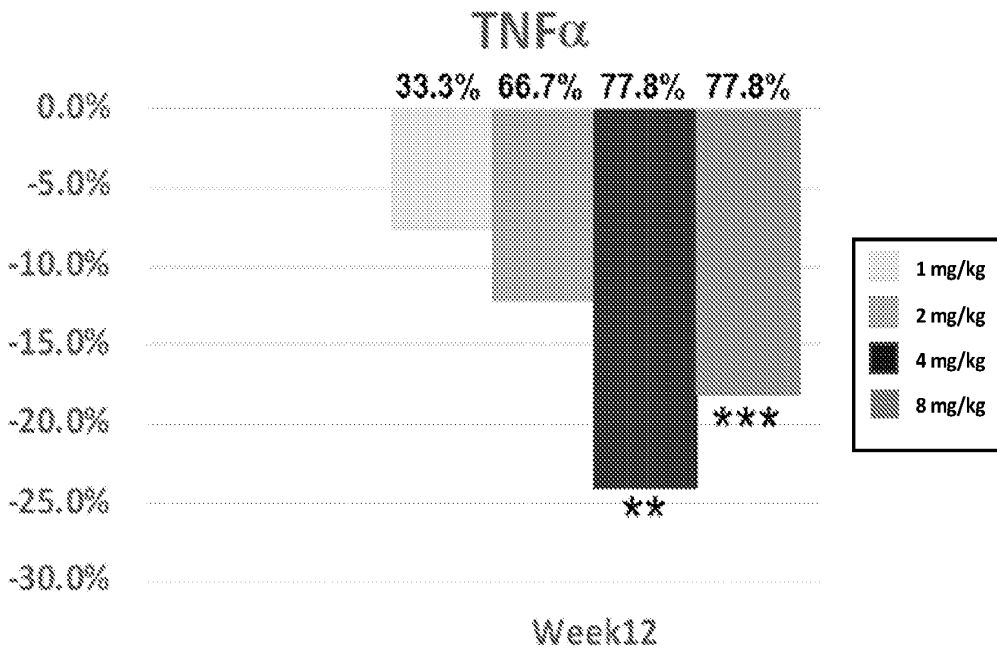


FIG. 29E

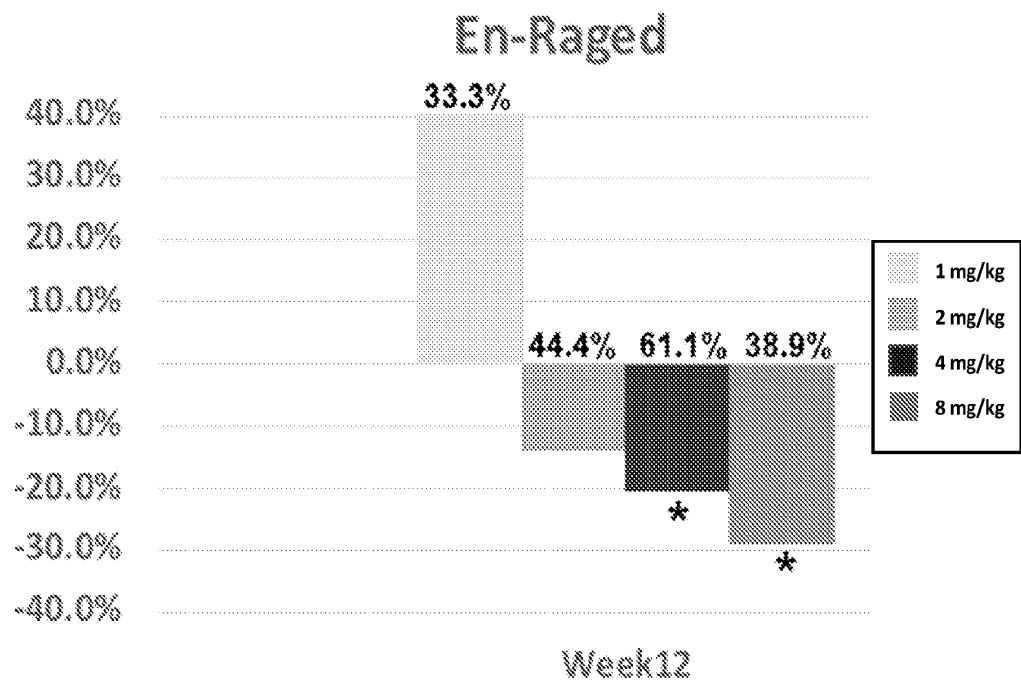


FIG. 29F

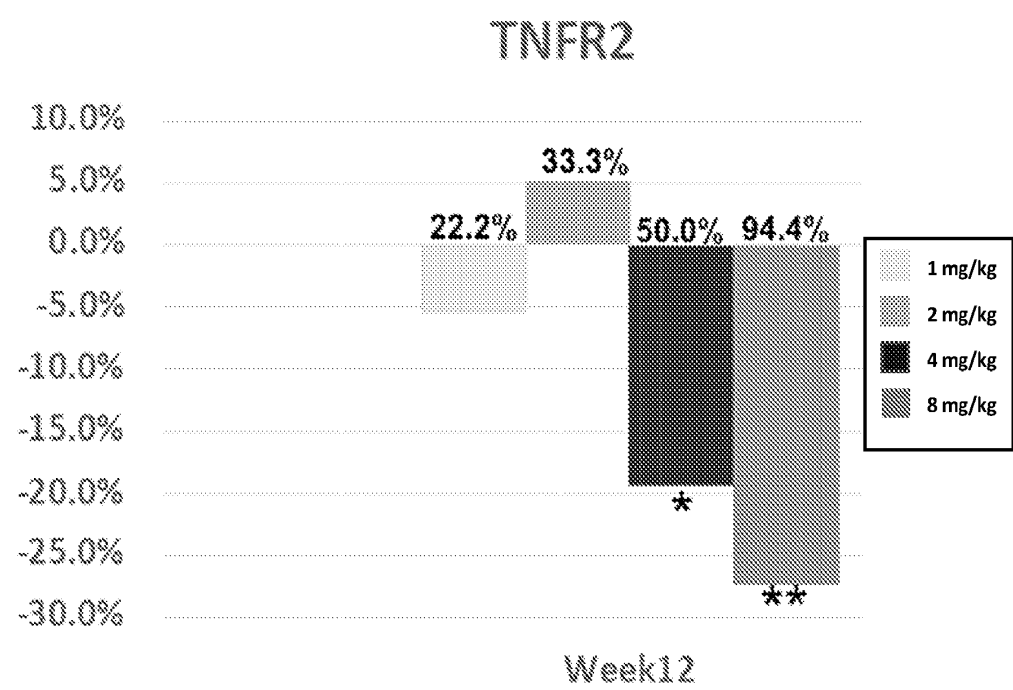


FIG. 29G

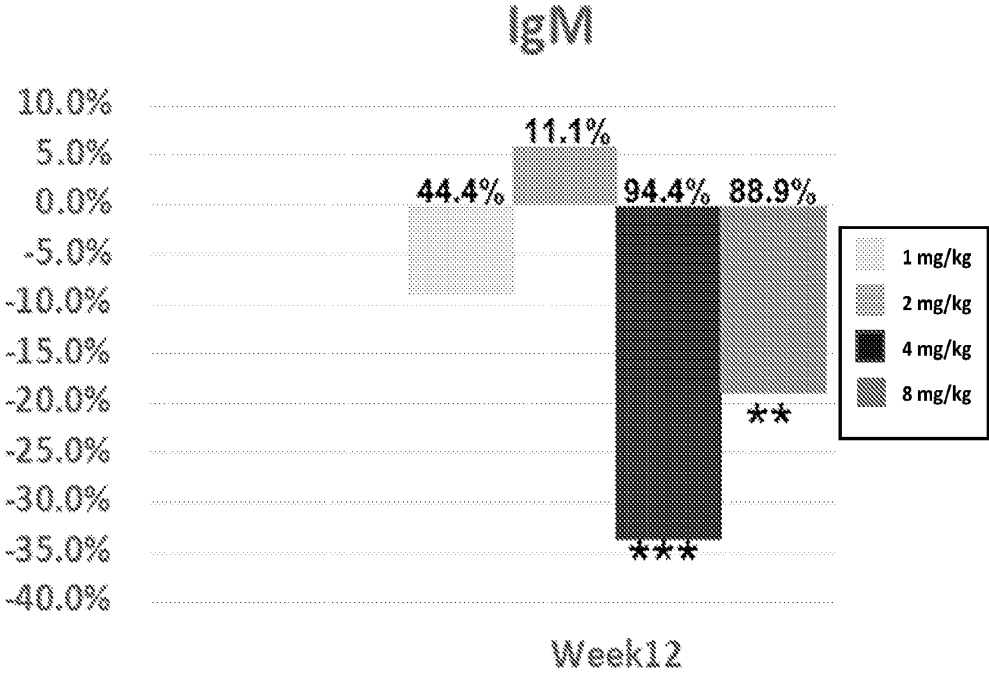


FIG. 29H

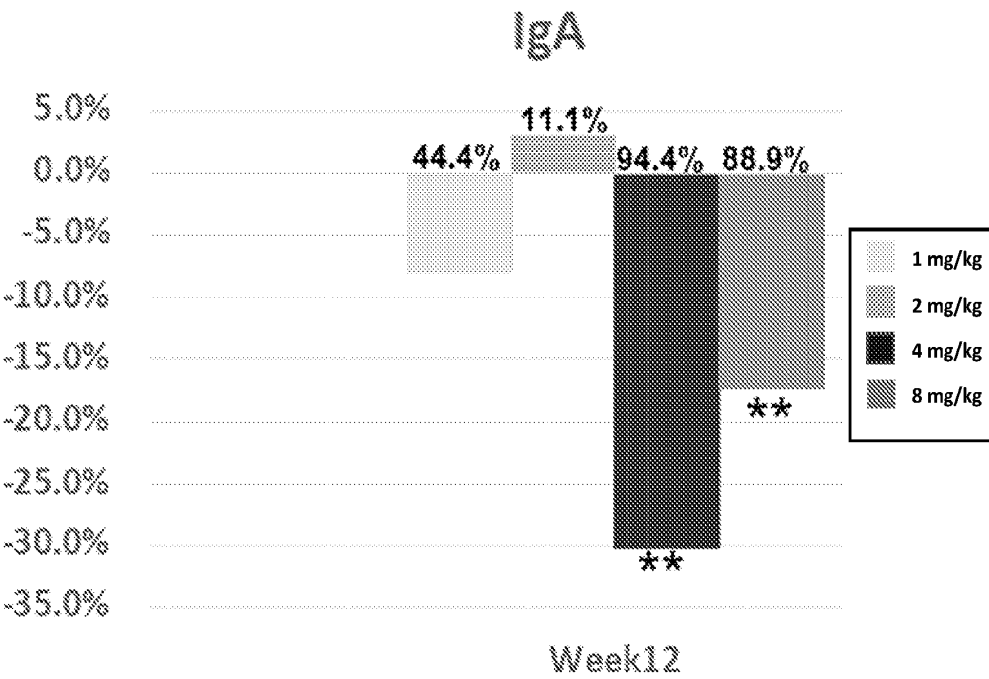


FIG. 29I

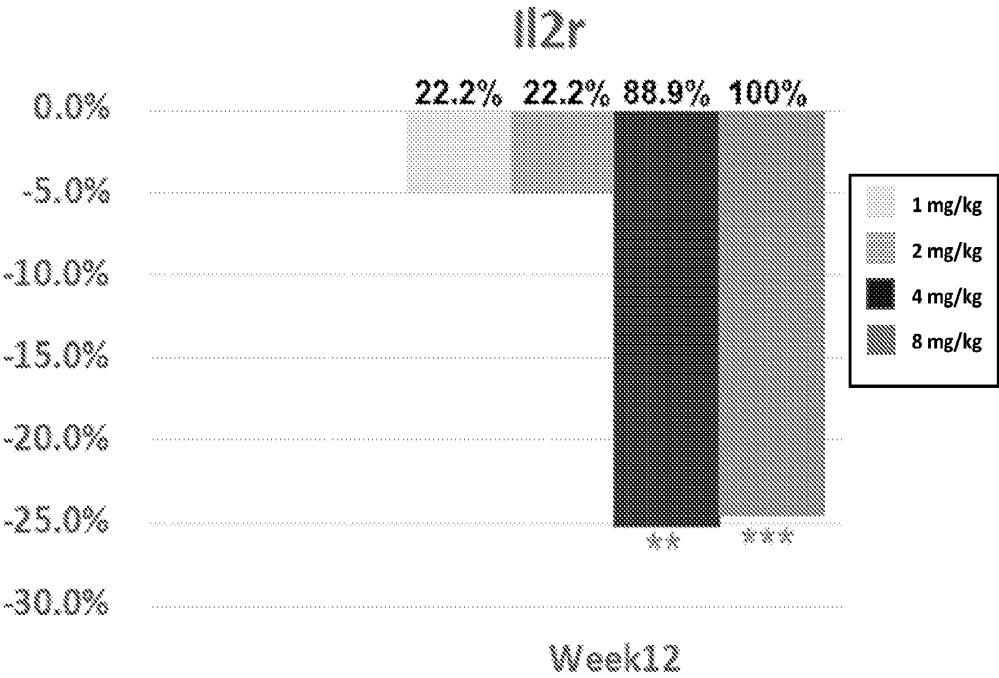


FIG. 29J

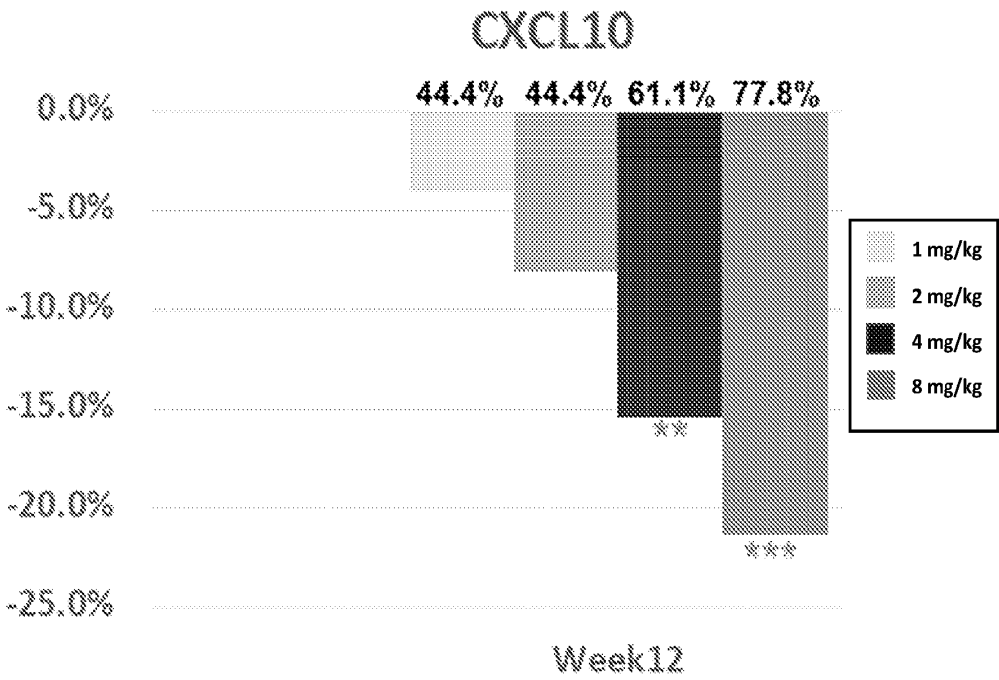


FIG. 29K

CD40

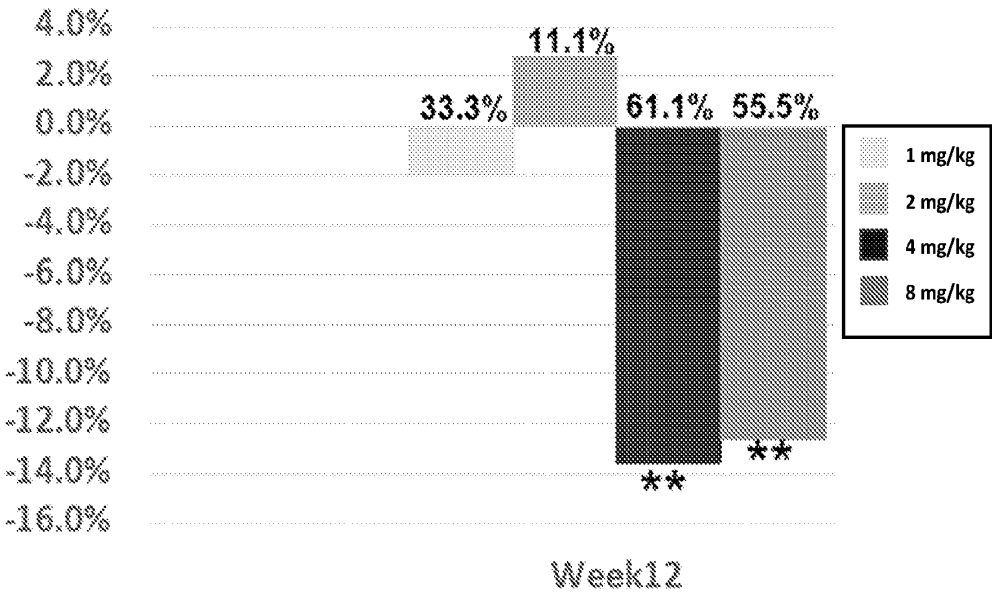


FIG. 29L

B2M

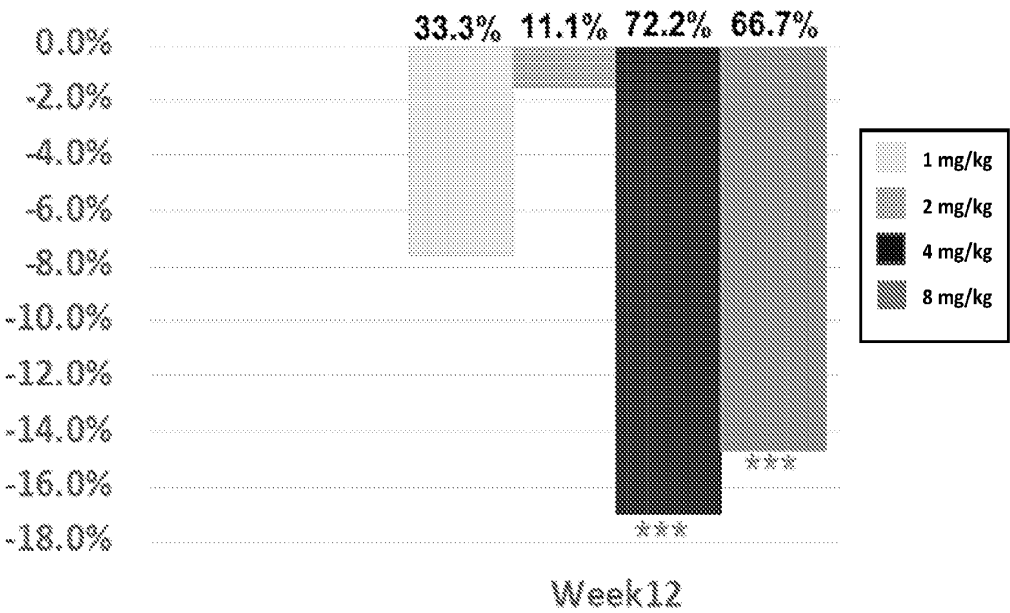


FIG. 30A

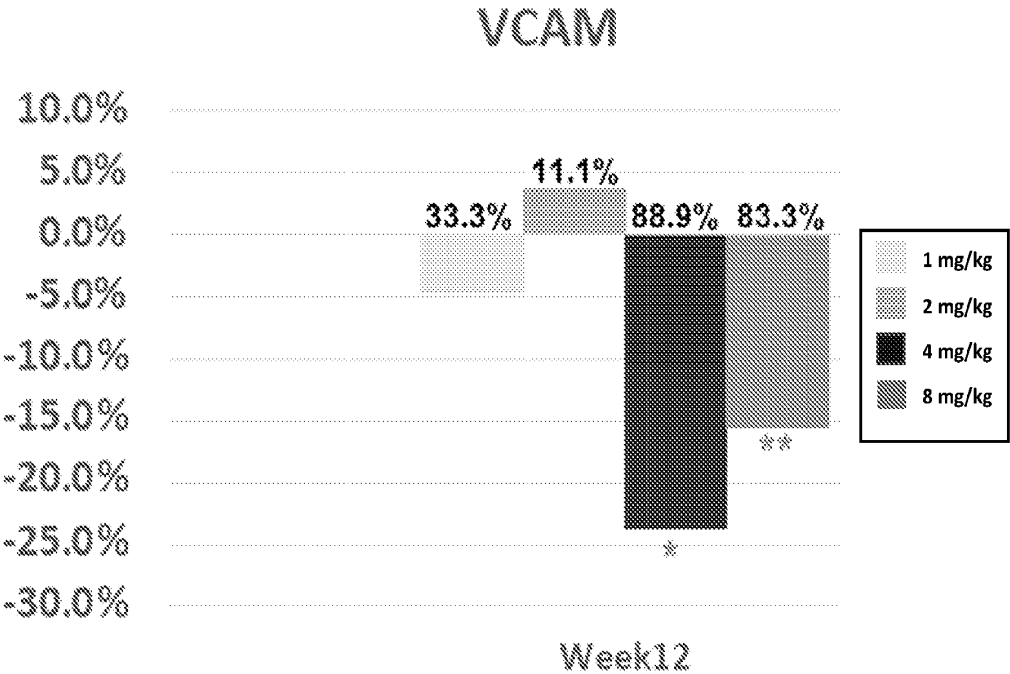


FIG. 30B

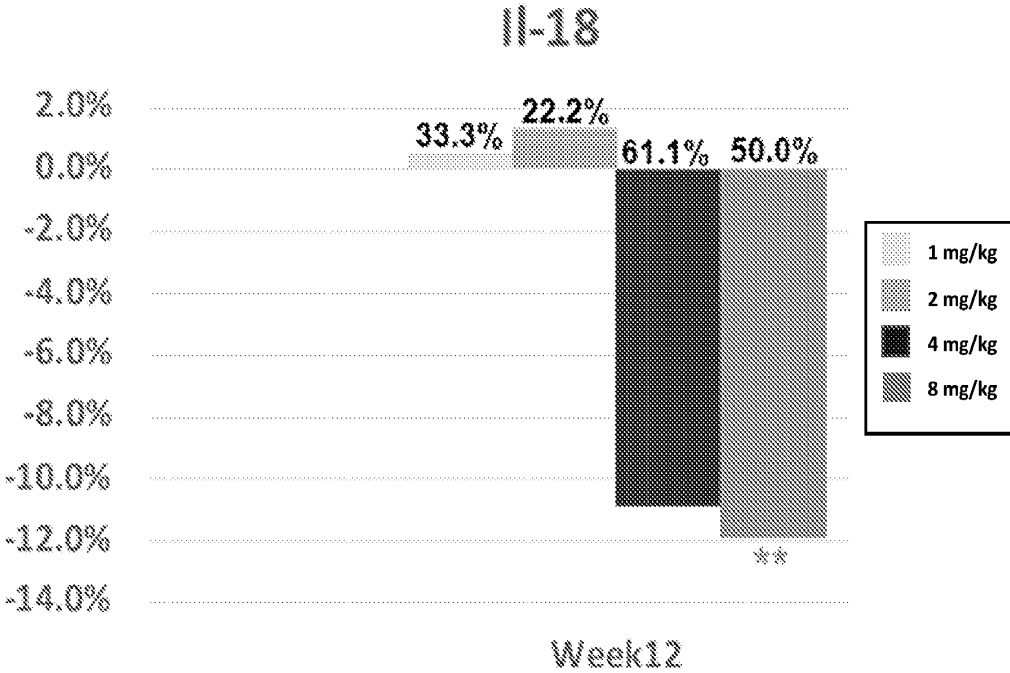


FIG. 30C

IL-16

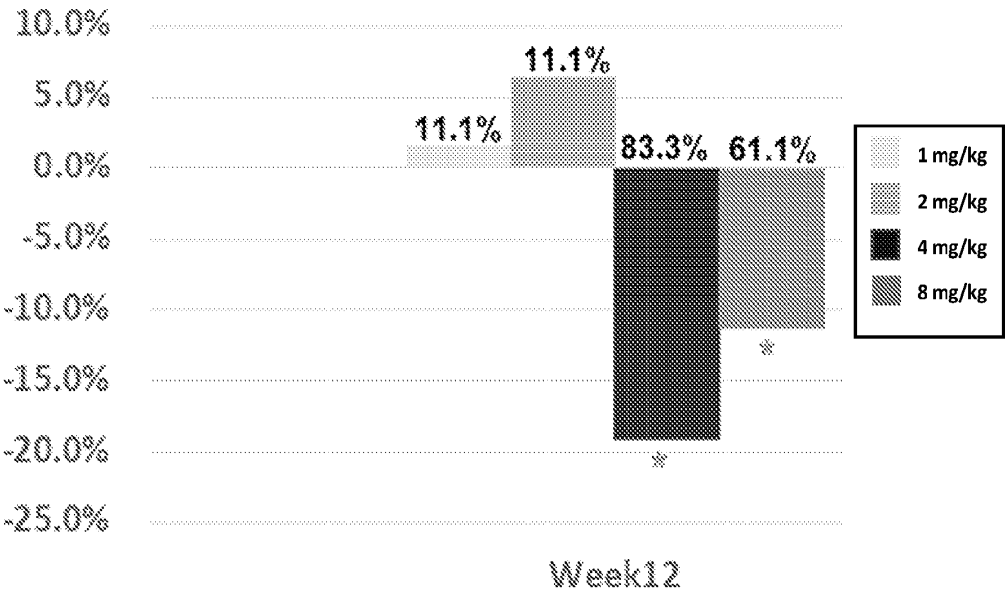


FIG. 30D

SAP

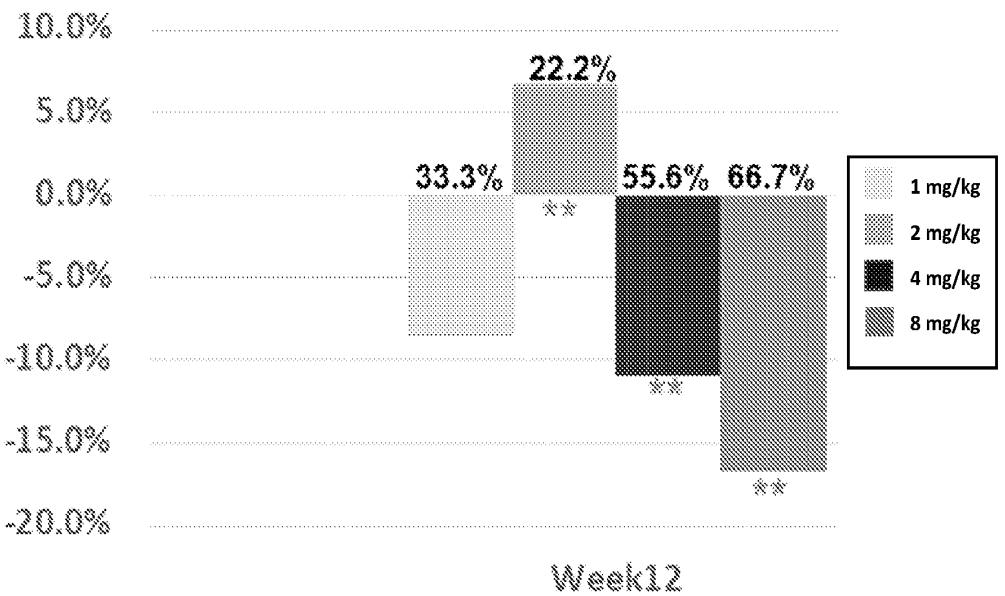


FIG. 30E
MIP1 β

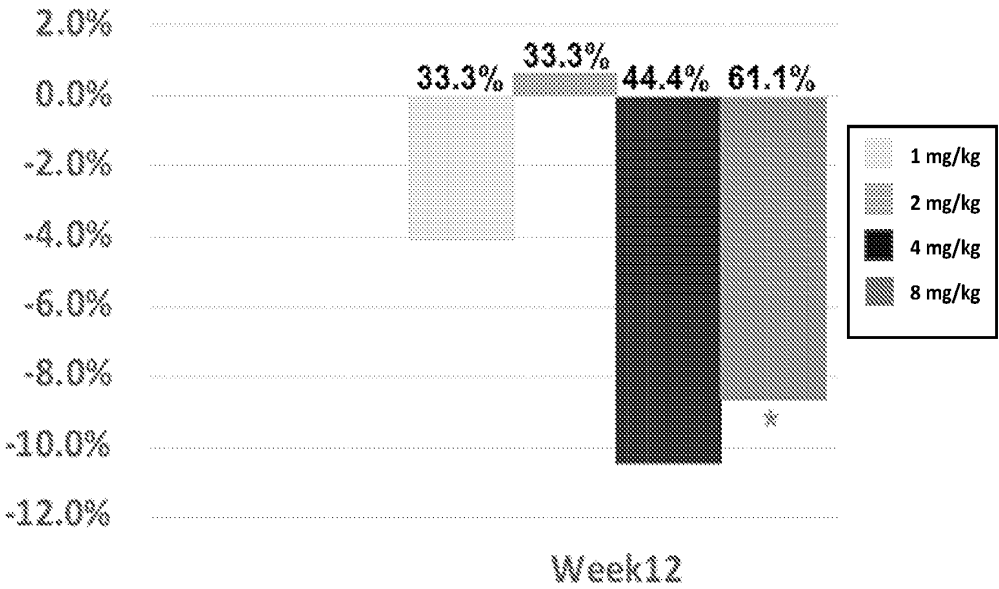


FIG. 30F
MDC

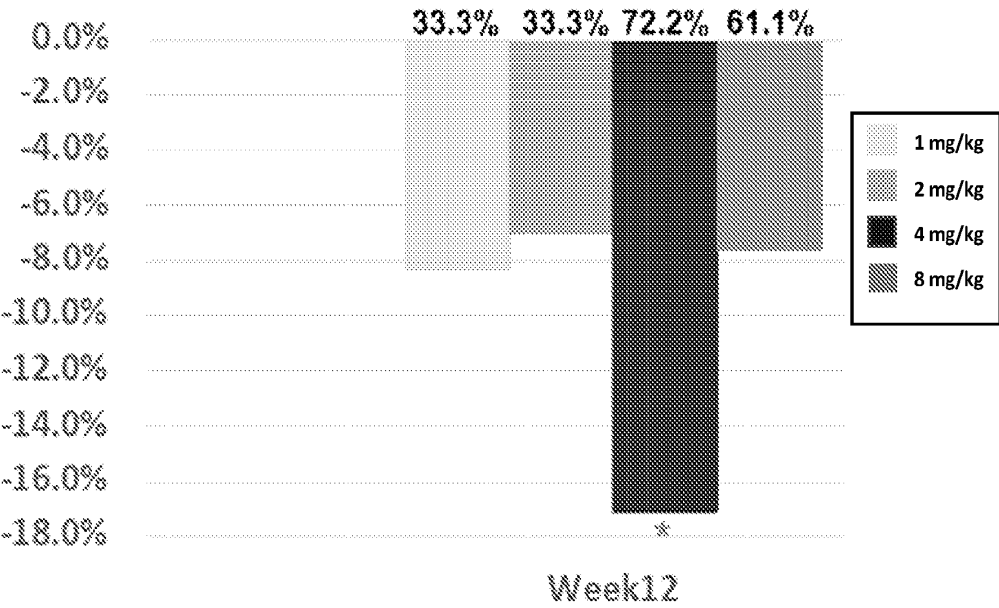


FIG. 30G

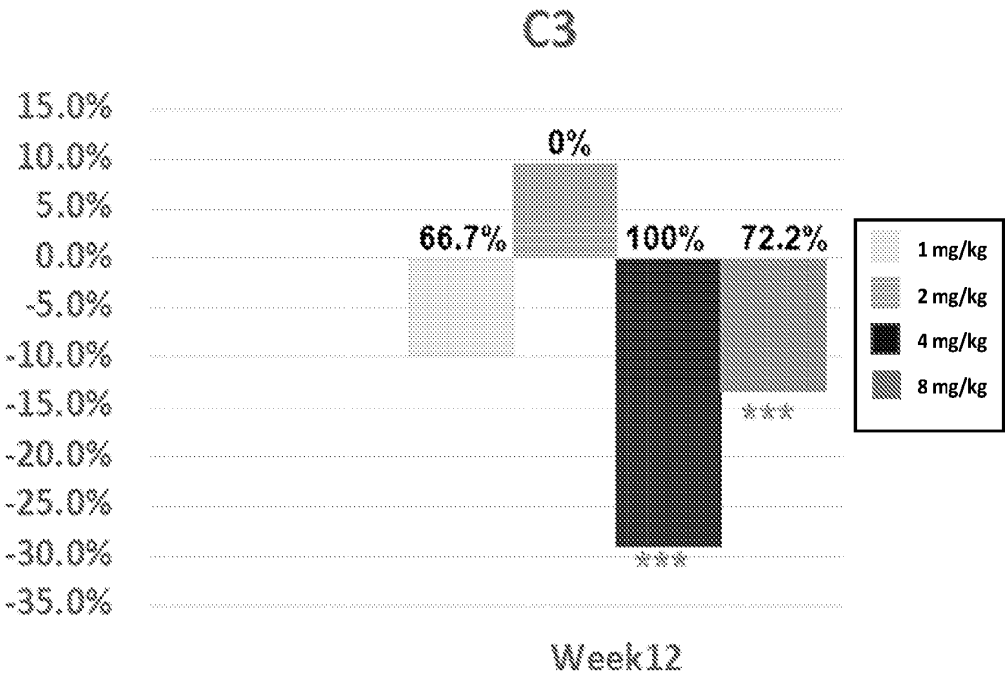
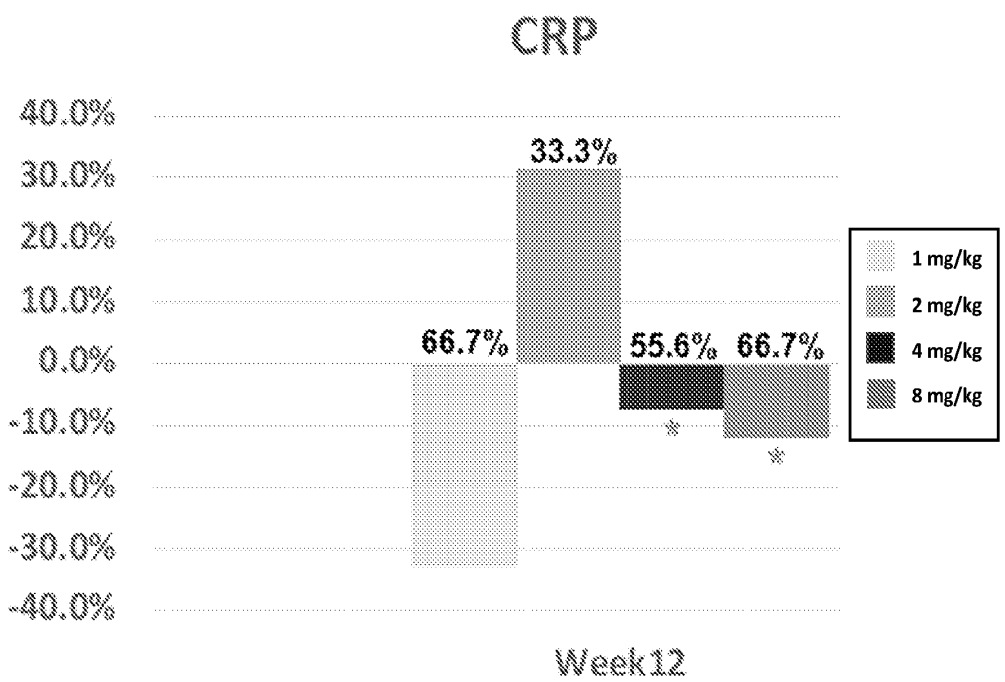


FIG. 30H



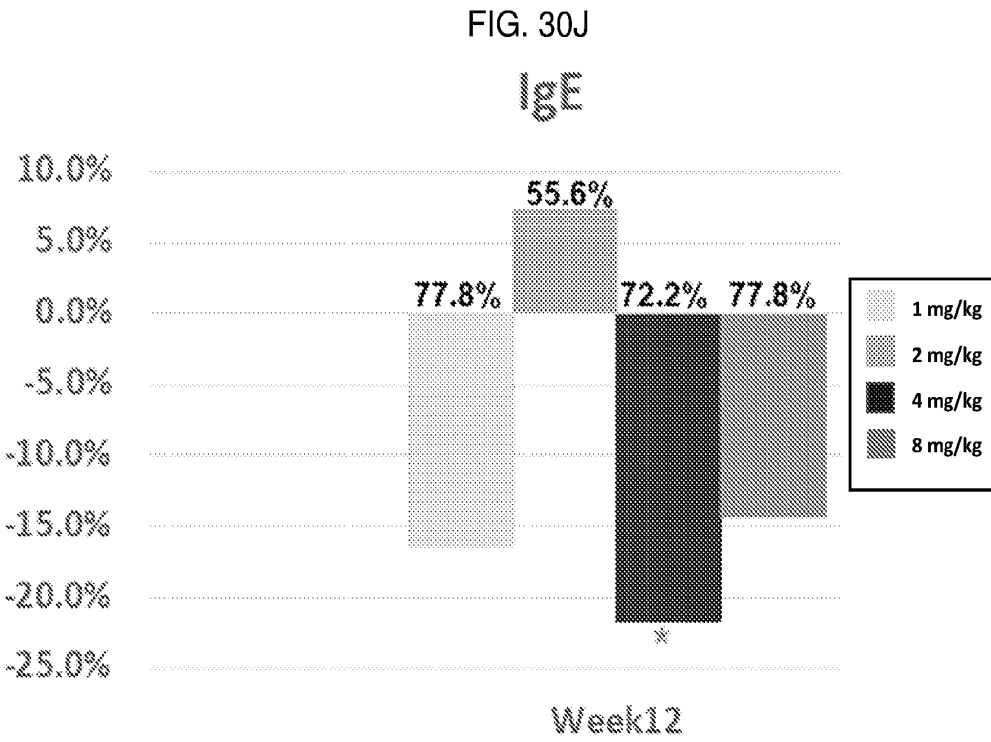
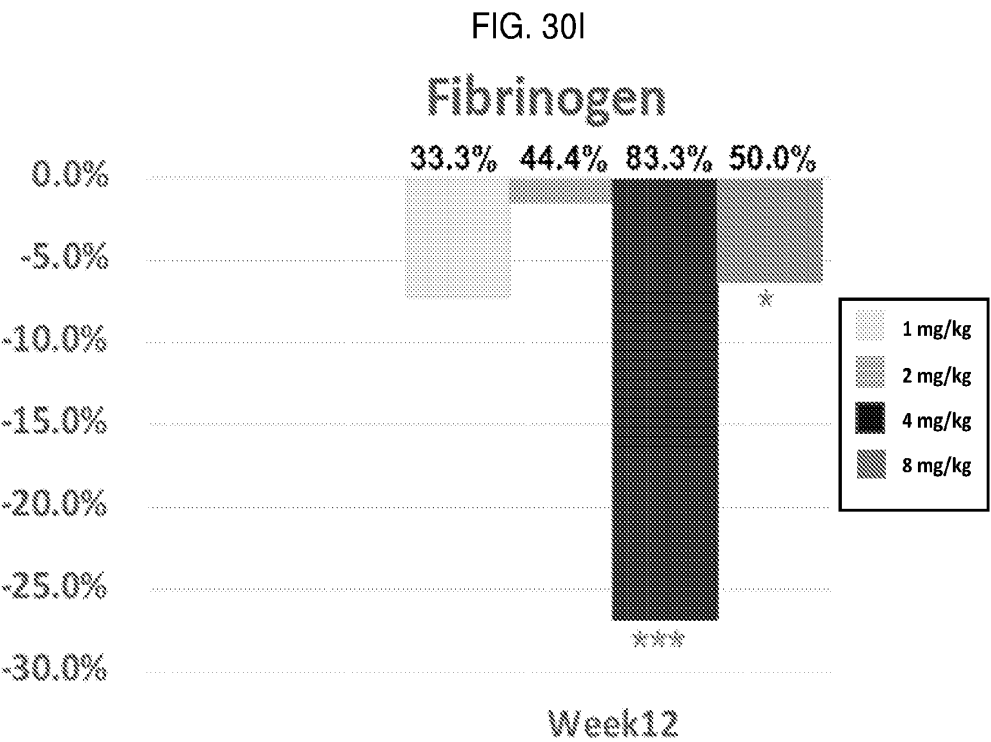


FIG. 30K

ICAM

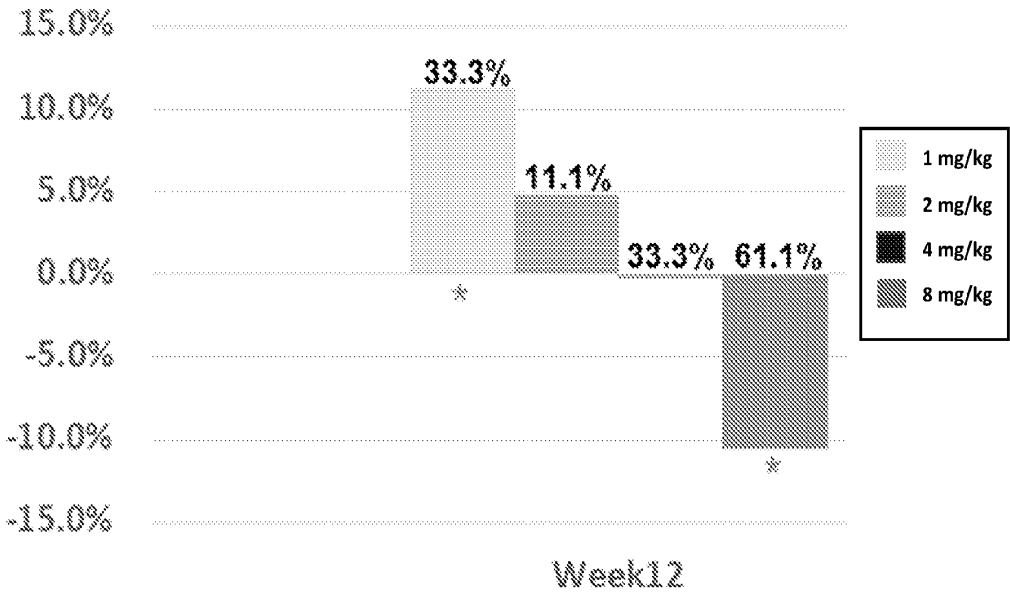


FIG. 30L

MCP1

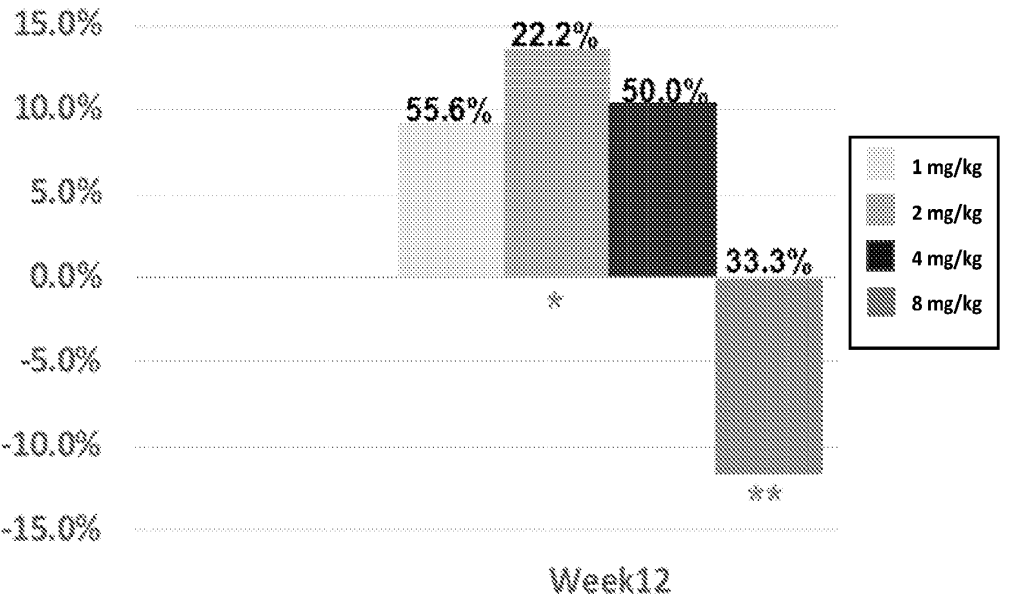


FIG. 31A

IL-6

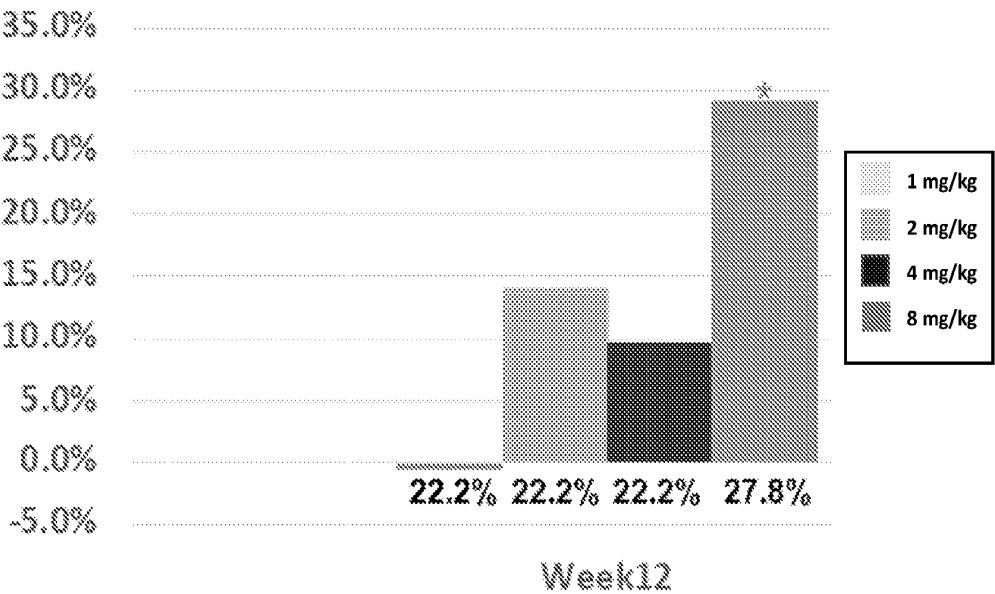


FIG. 31B

ENA-78

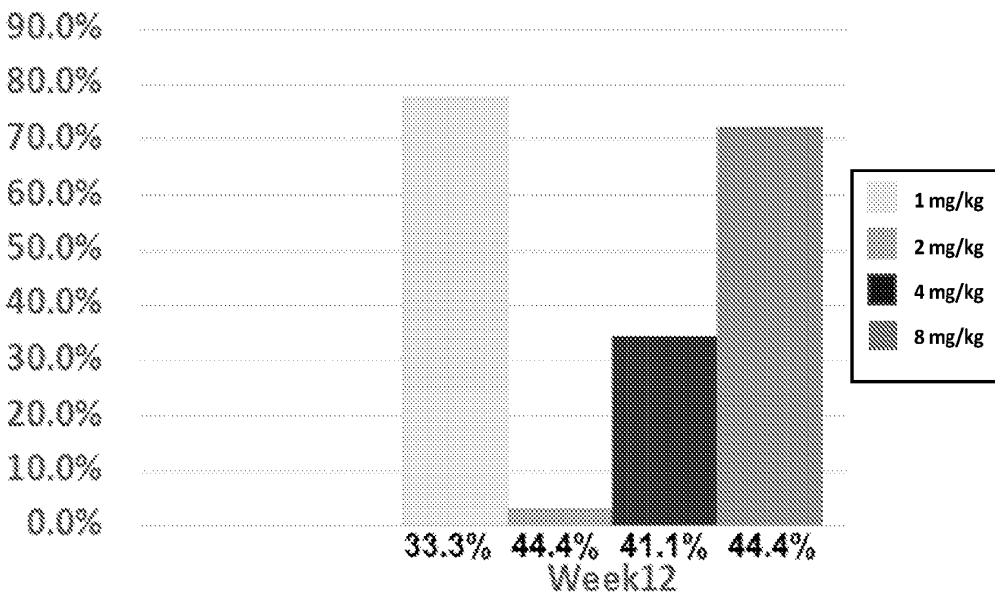


FIG. 31C

RANTES

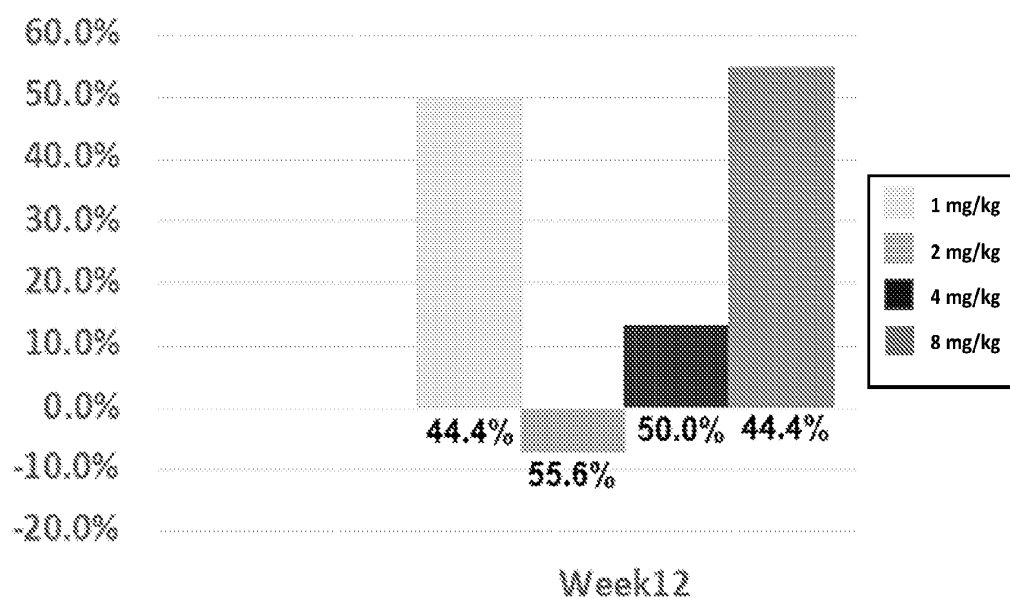


FIG. 31D

MMP3

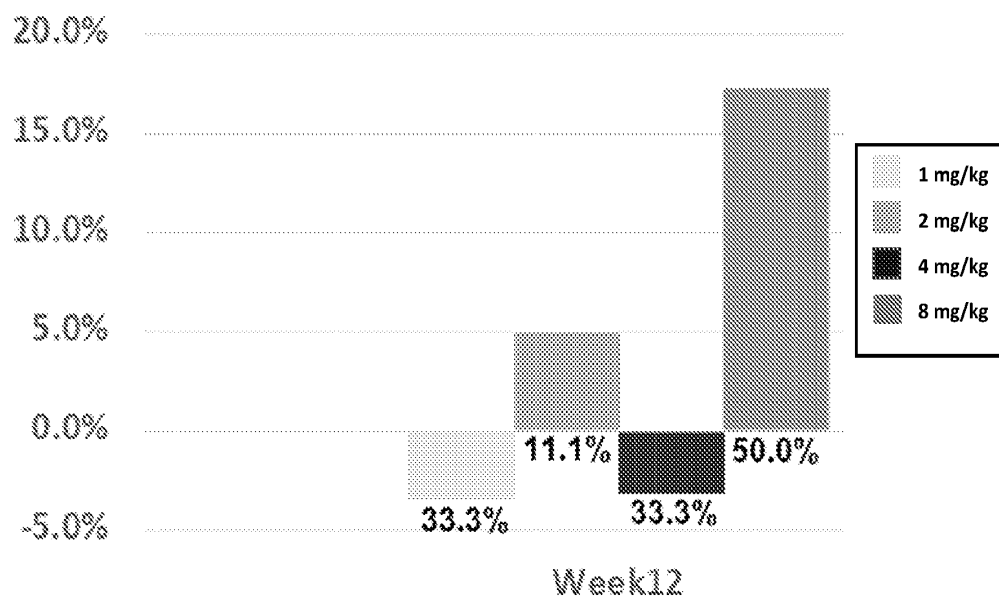


FIG. 31E

MMP9

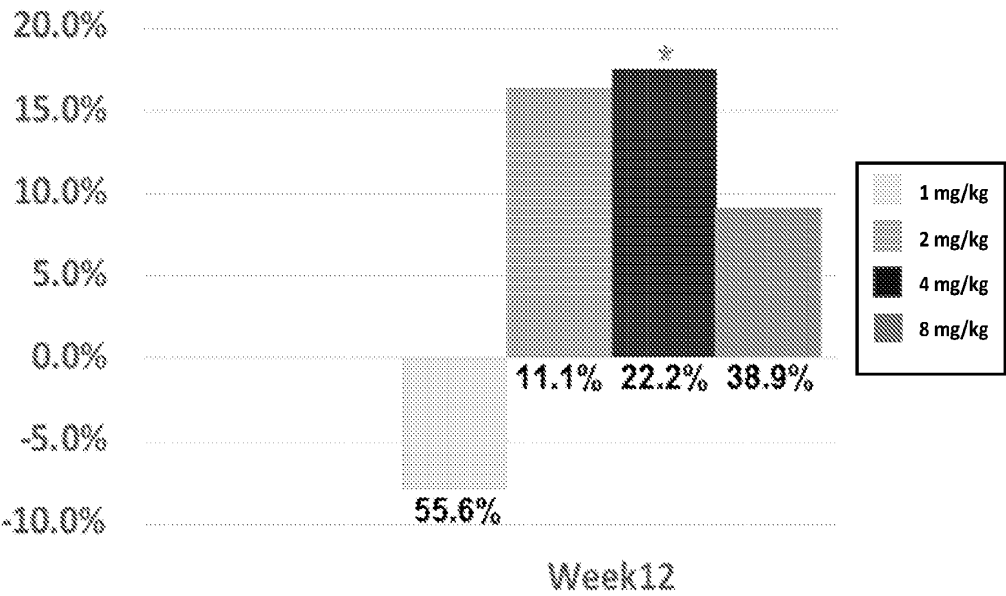


FIG. 32

NFL

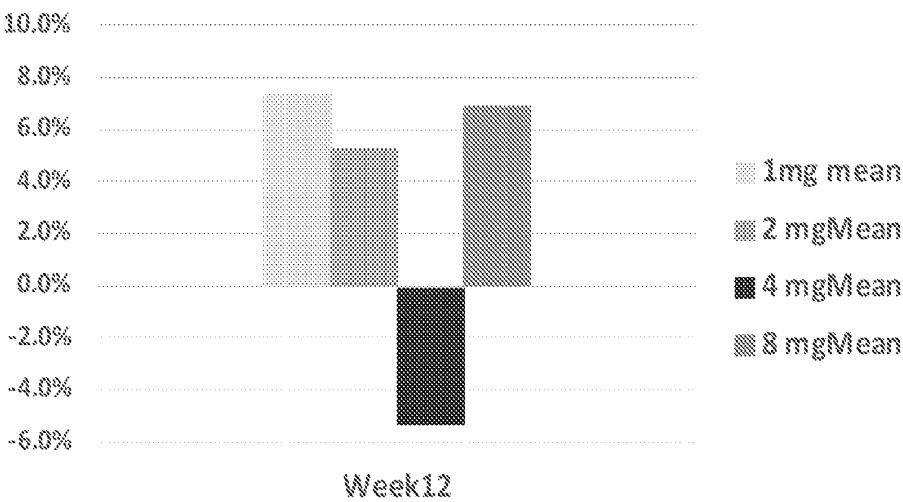


FIG. 33A

ALS-FRS

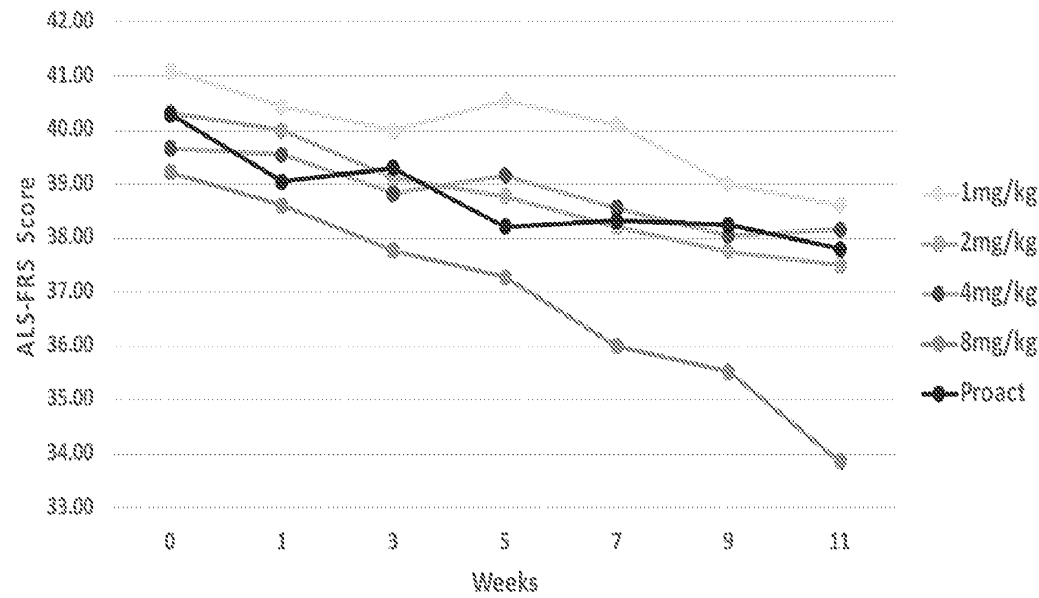


FIG. 33B

ALS FRS

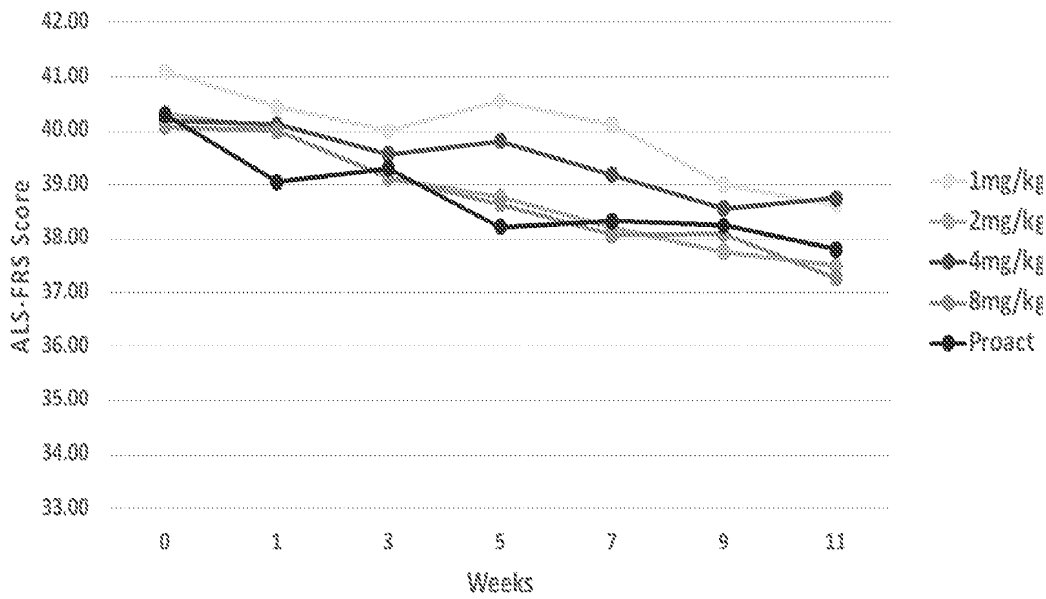


FIG. 33C

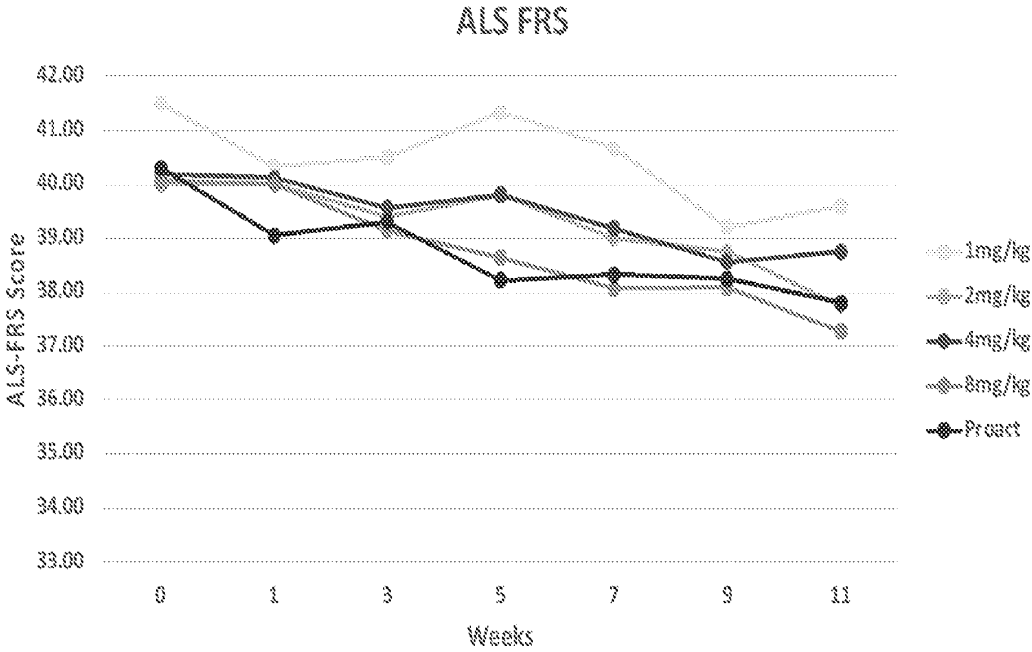


FIG. 33D

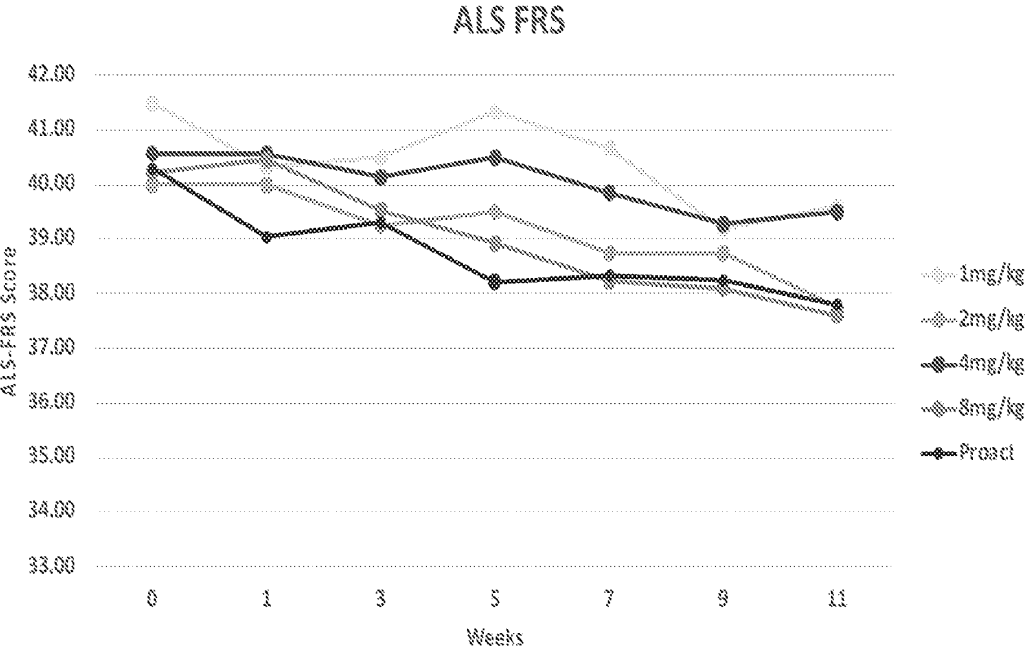


FIG. 34

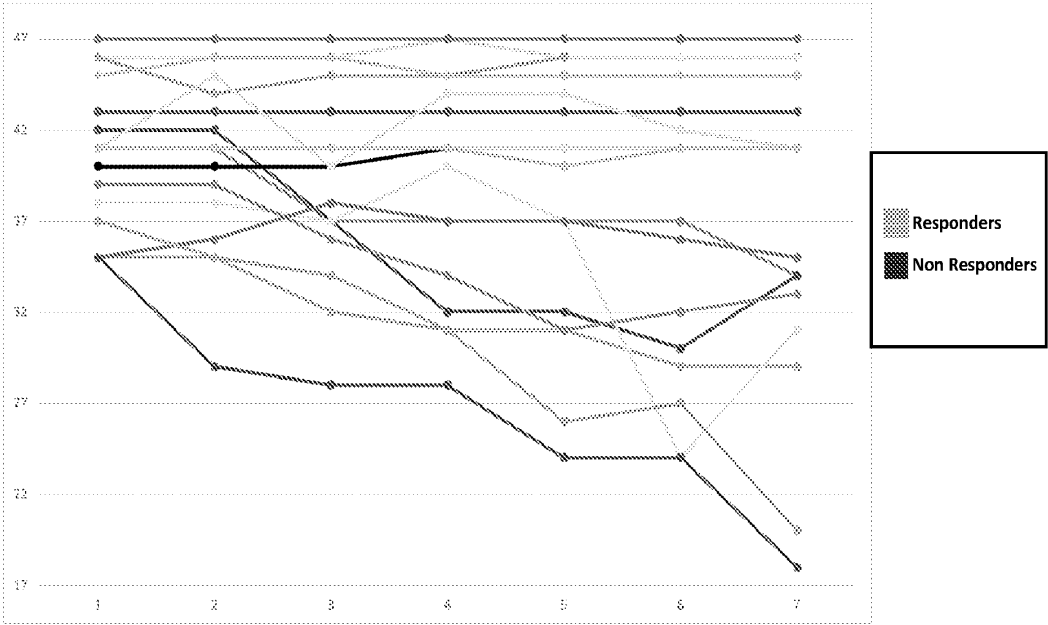


FIG. 35

