

FIG. 1

Genome-wide NK cell and cancer
cell line Co-culture screen
Colo205 cell

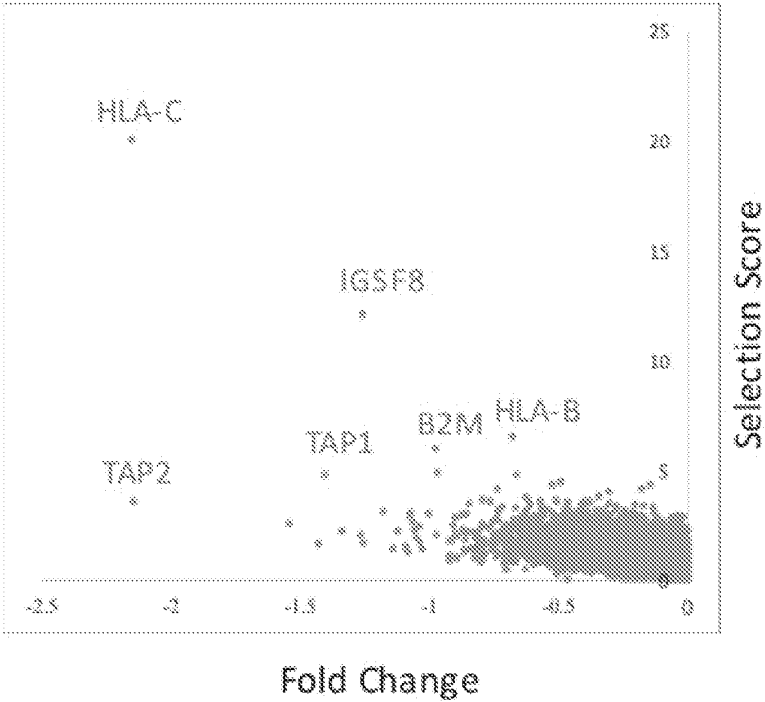


FIG. 2A

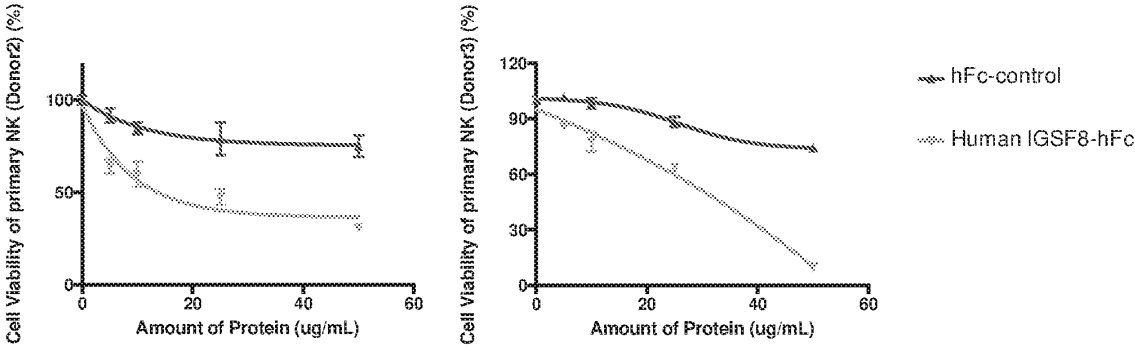


FIG. 2B

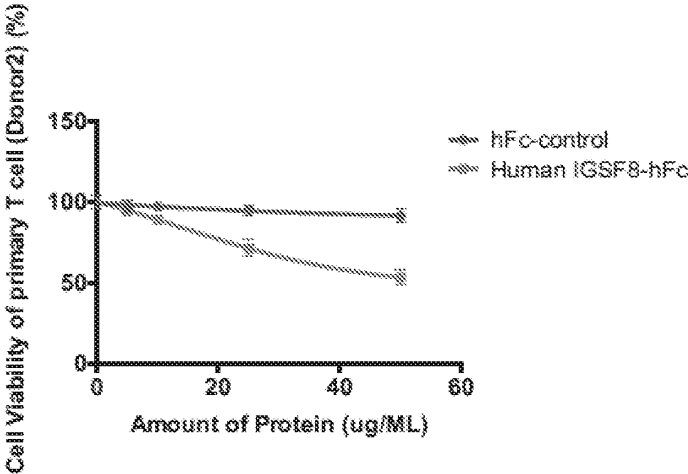


FIG. 2C

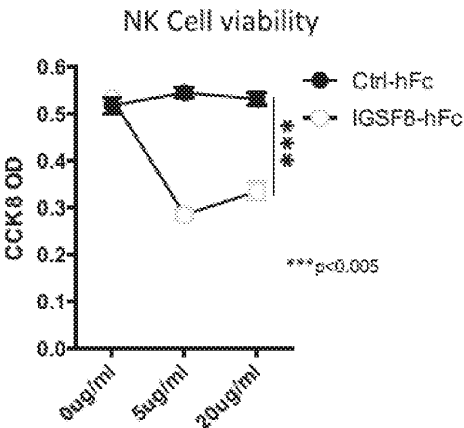


FIG. 2D

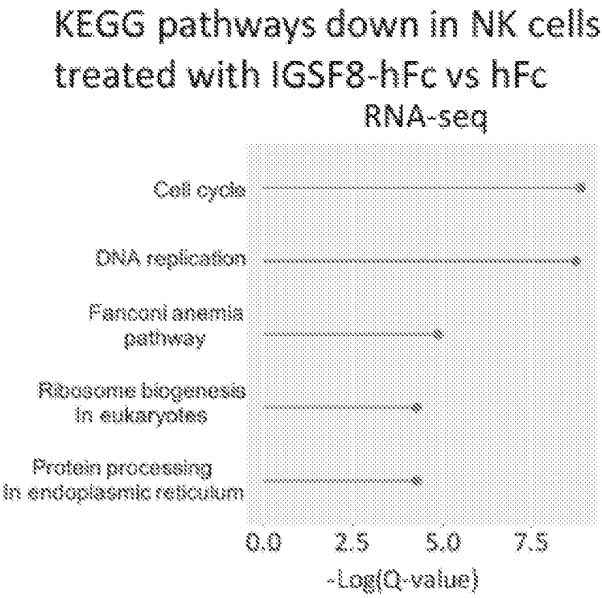


FIG. 2E

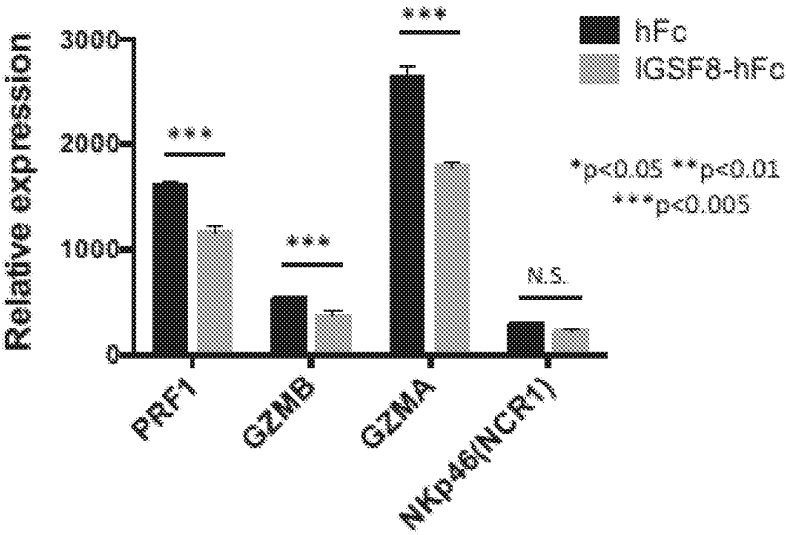


FIG. 2F

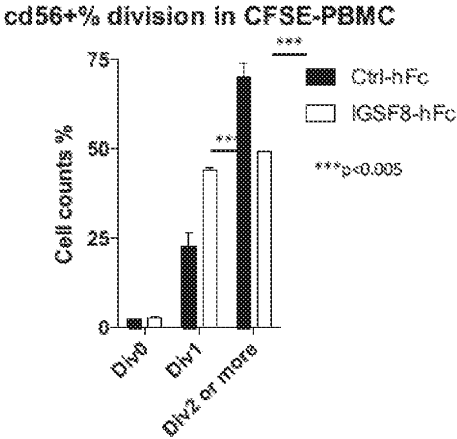


FIG. 2G

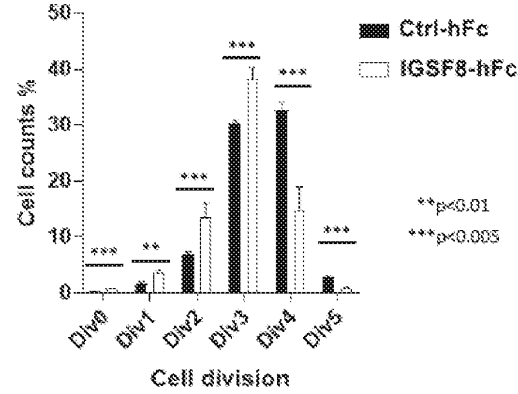


FIG. 2H

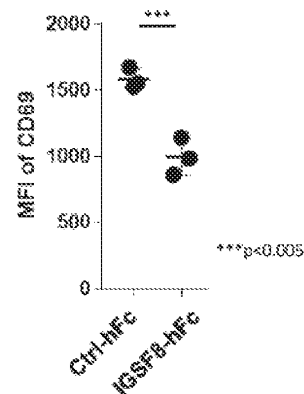


FIG. 3A

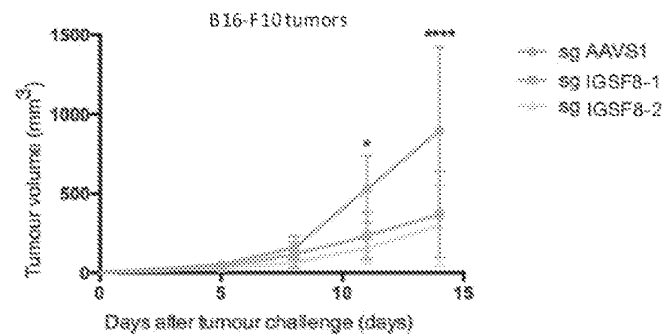


FIG. 3B

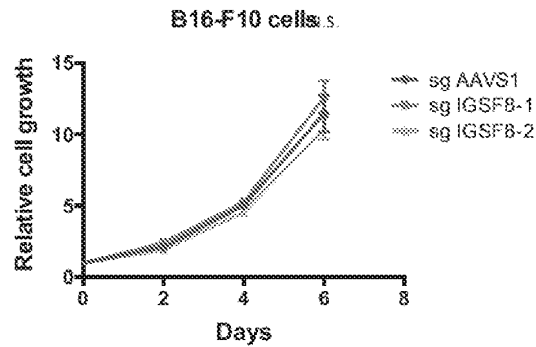


FIG. 4

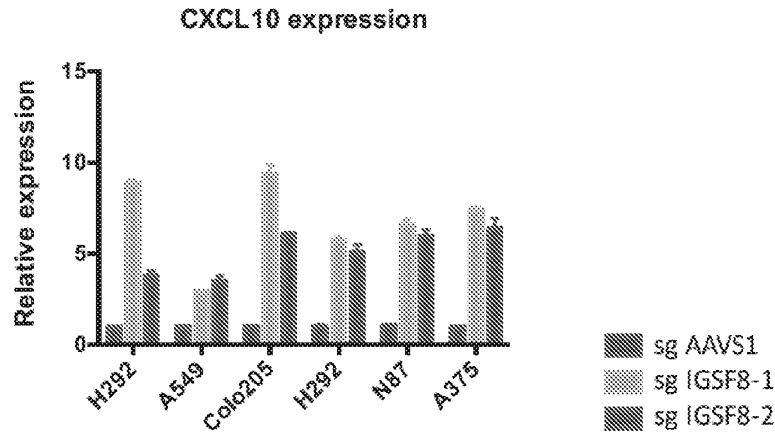


FIG. 5A

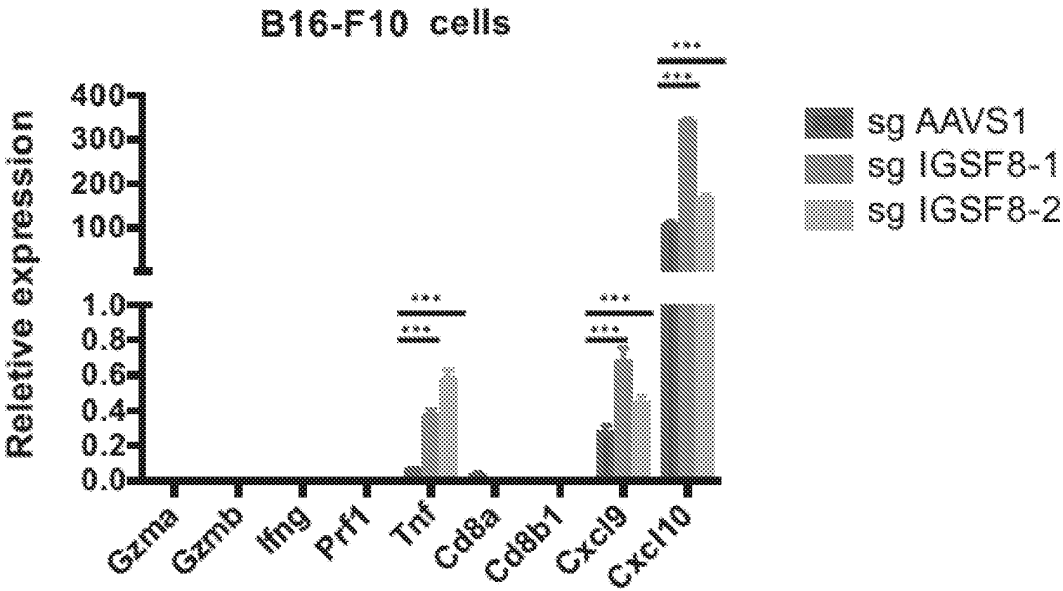


FIG. 5B

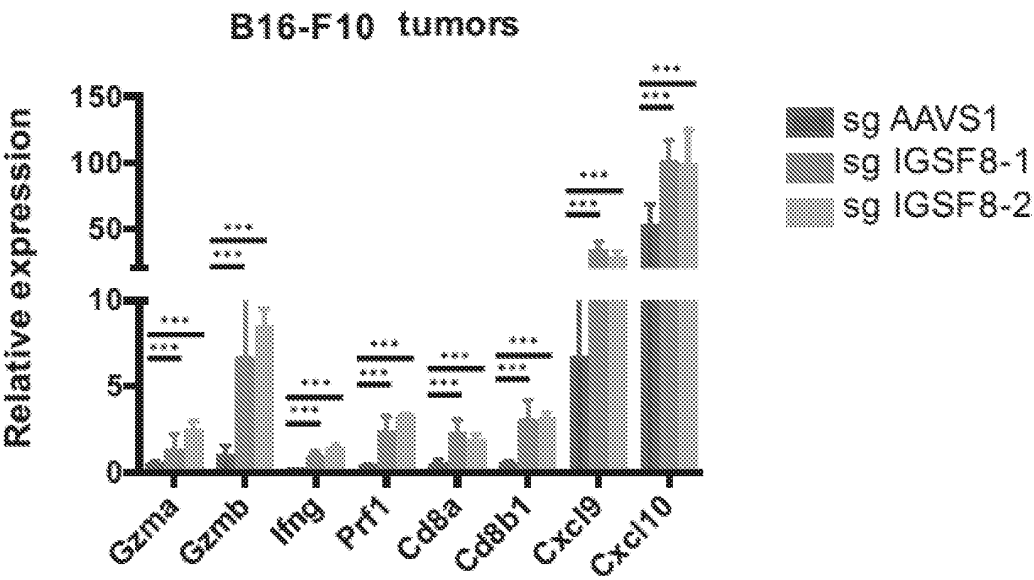


FIG. 5C

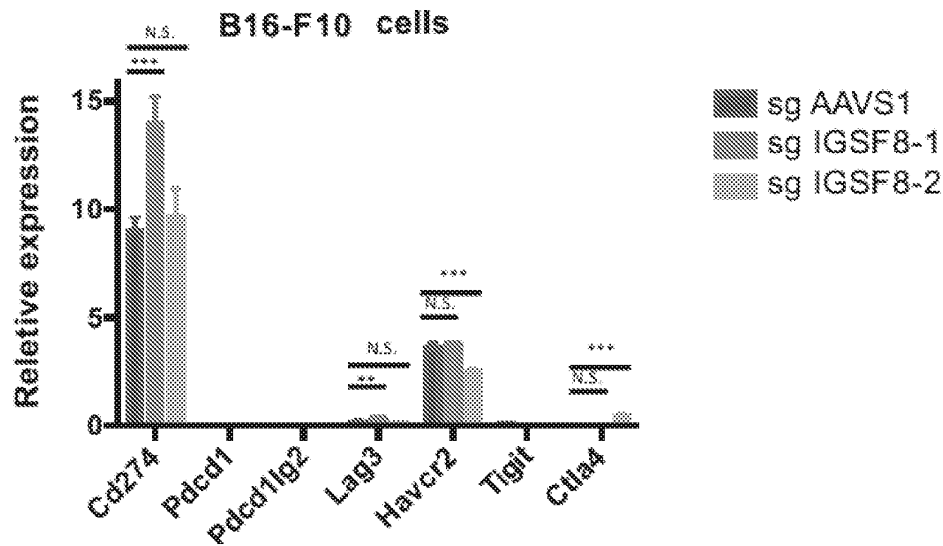


FIG. 5D

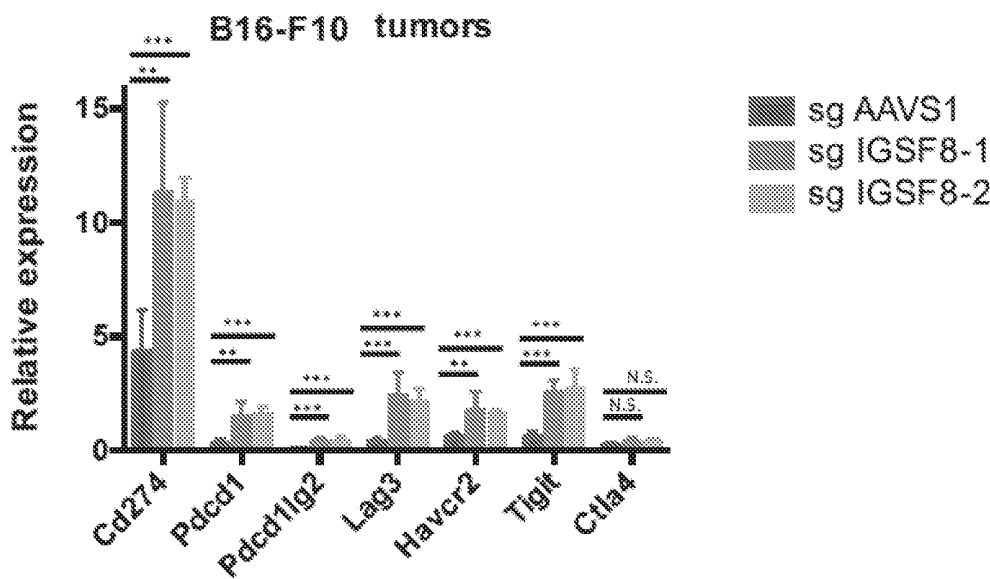


FIG. 6A

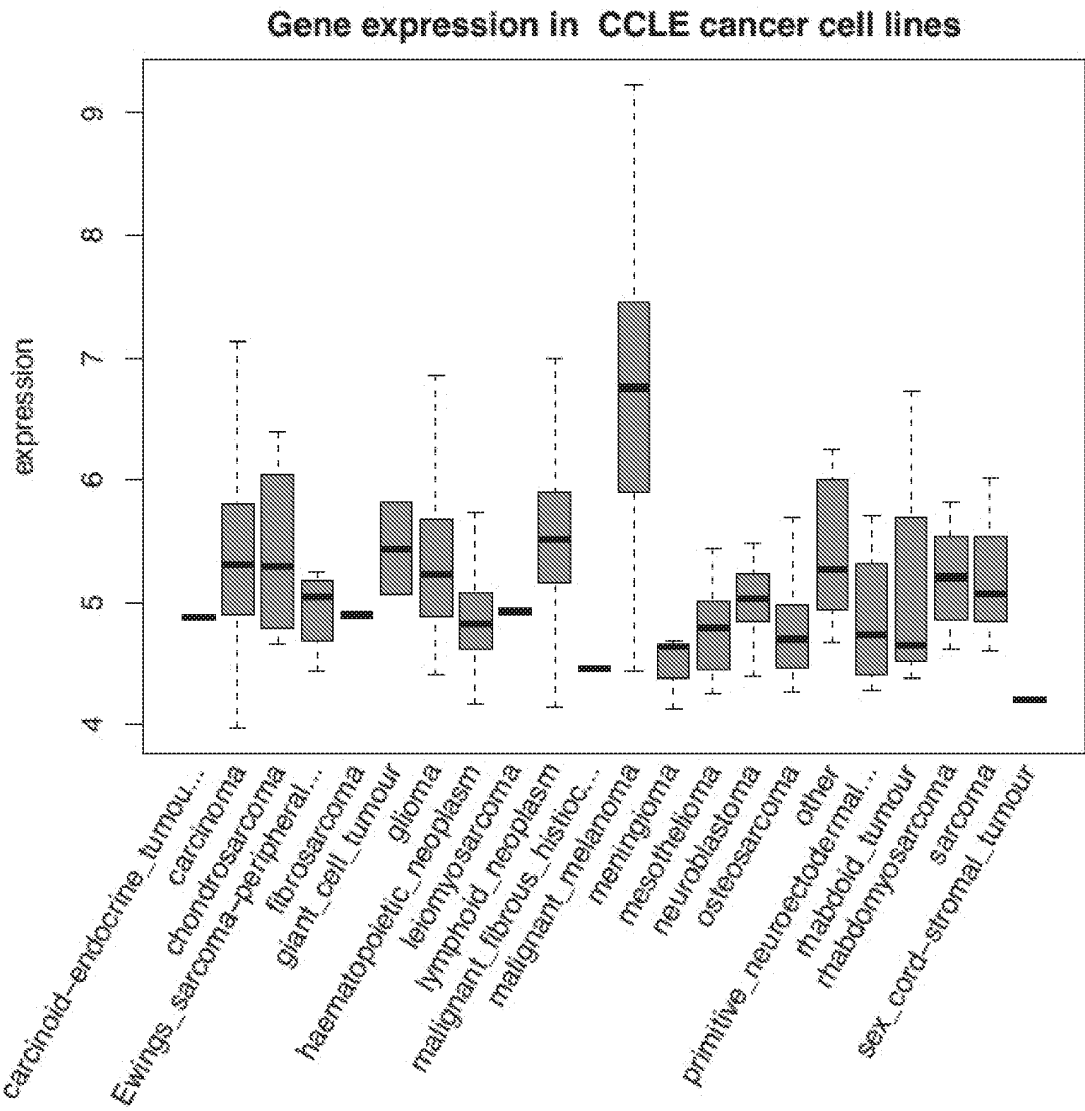


FIG. 6B

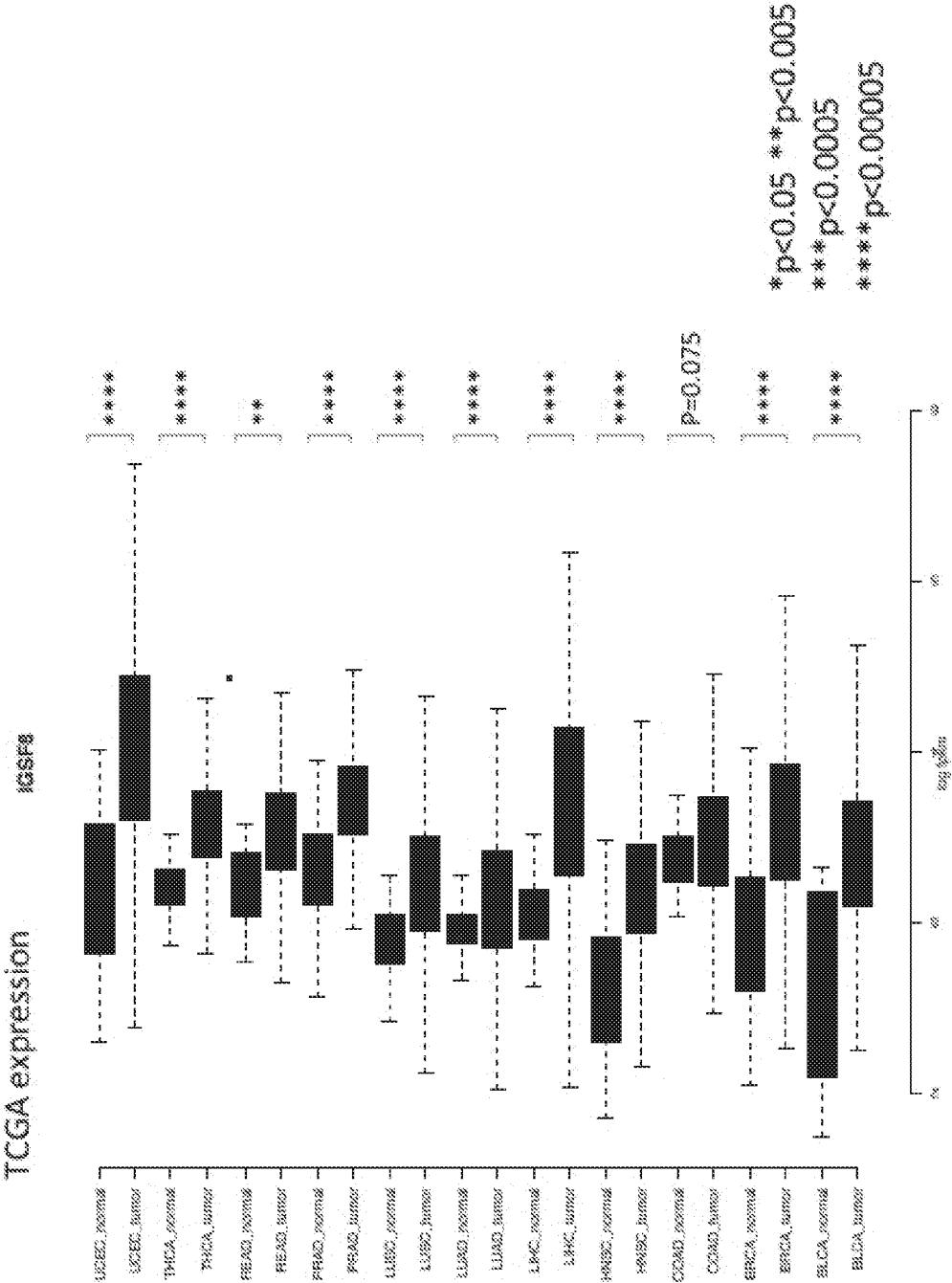


FIG. 6C

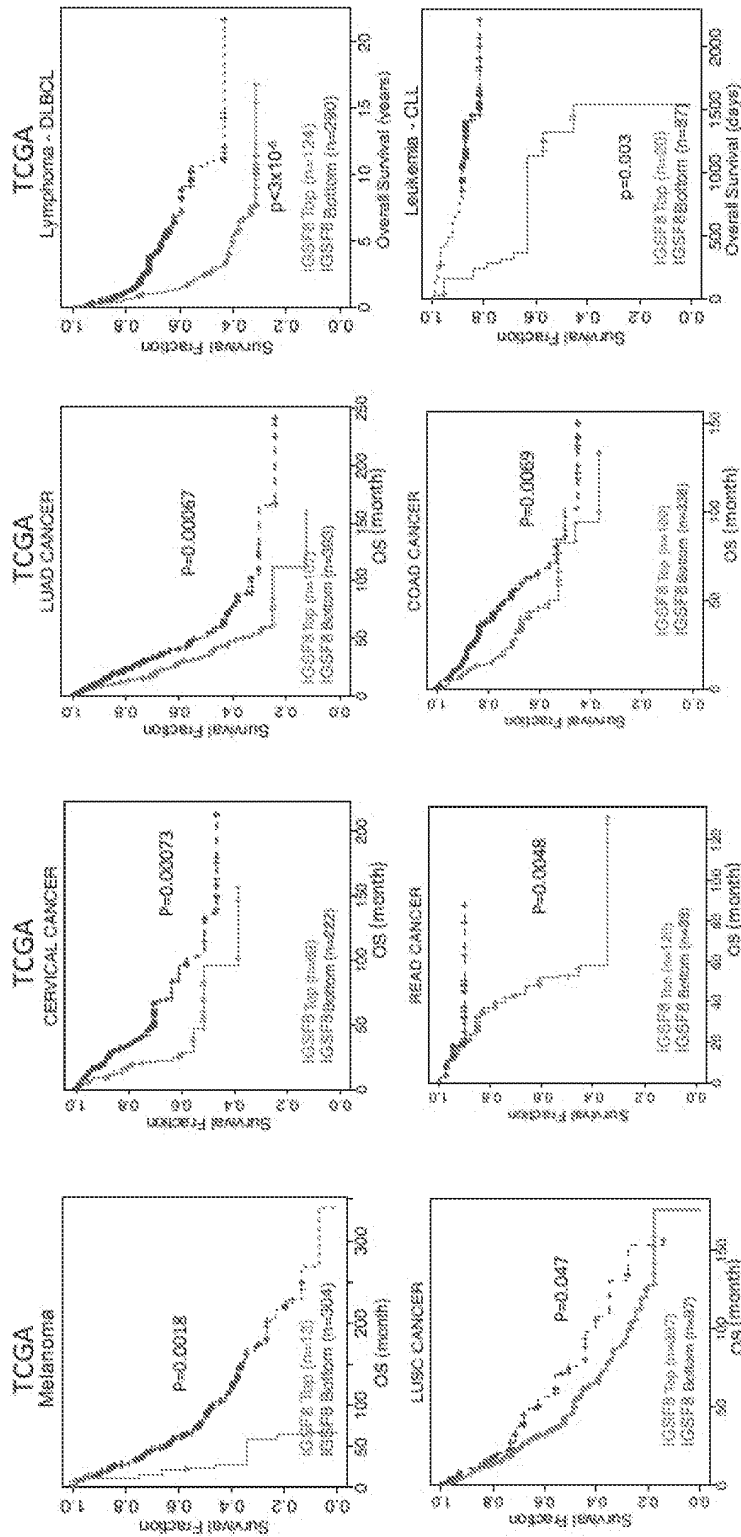


FIG. 7

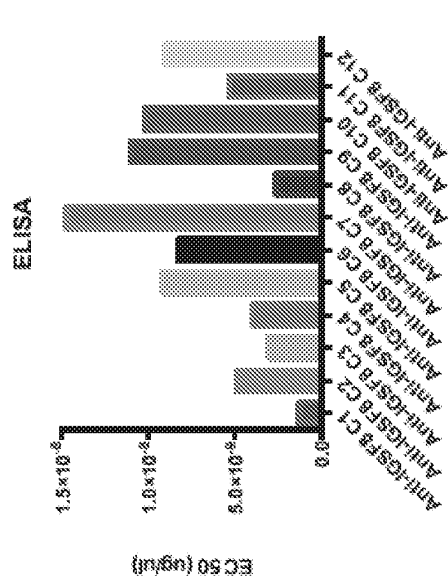
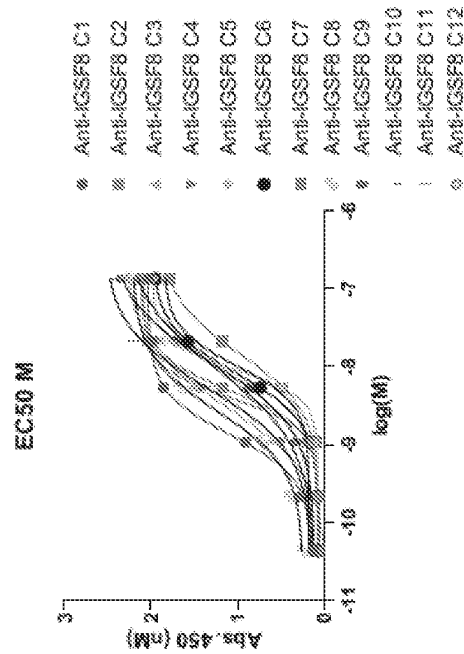
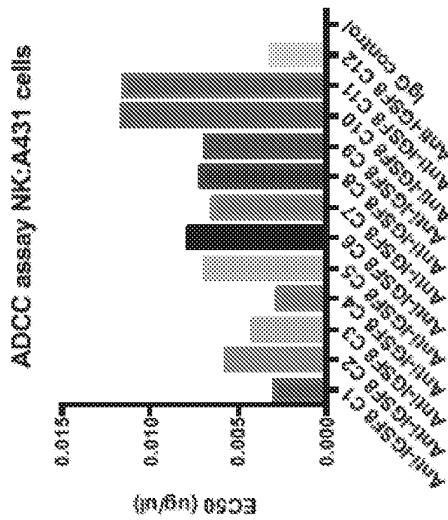
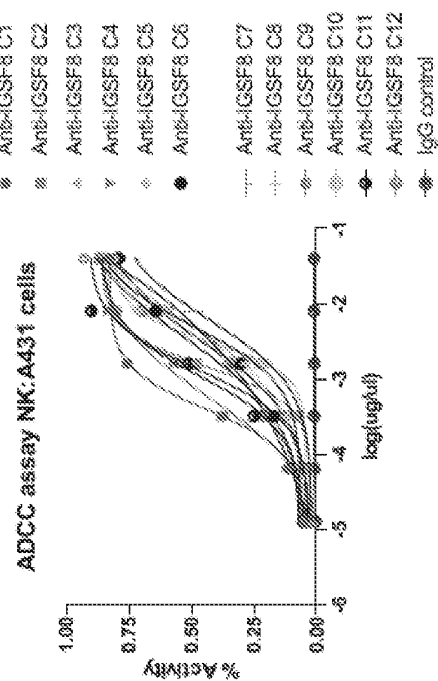


FIG. 8



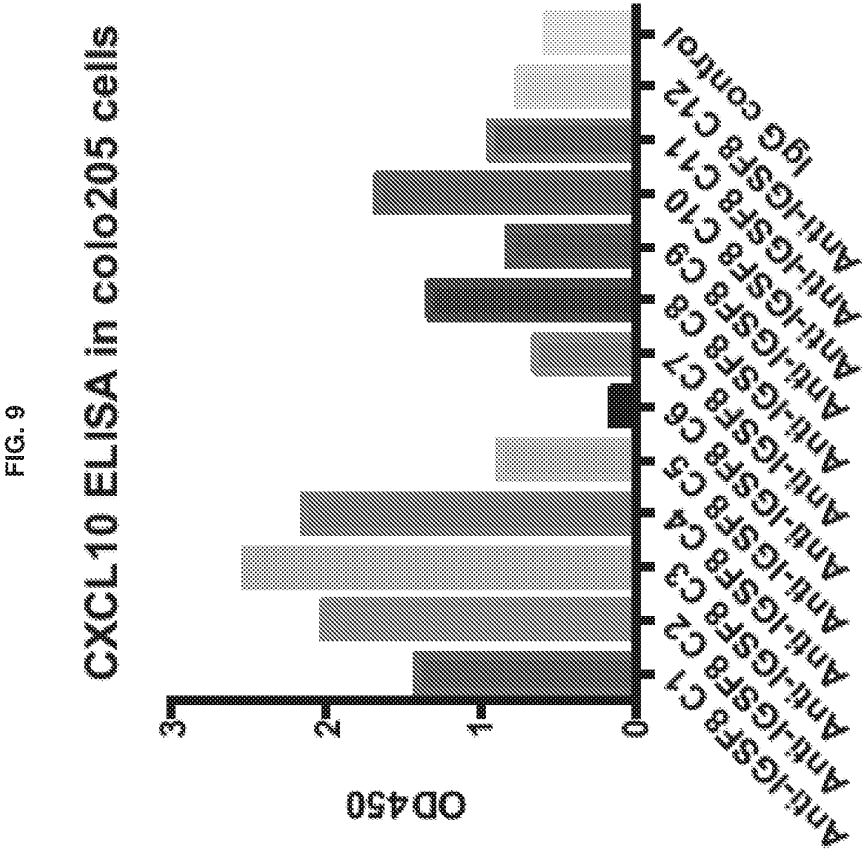


FIG. 10

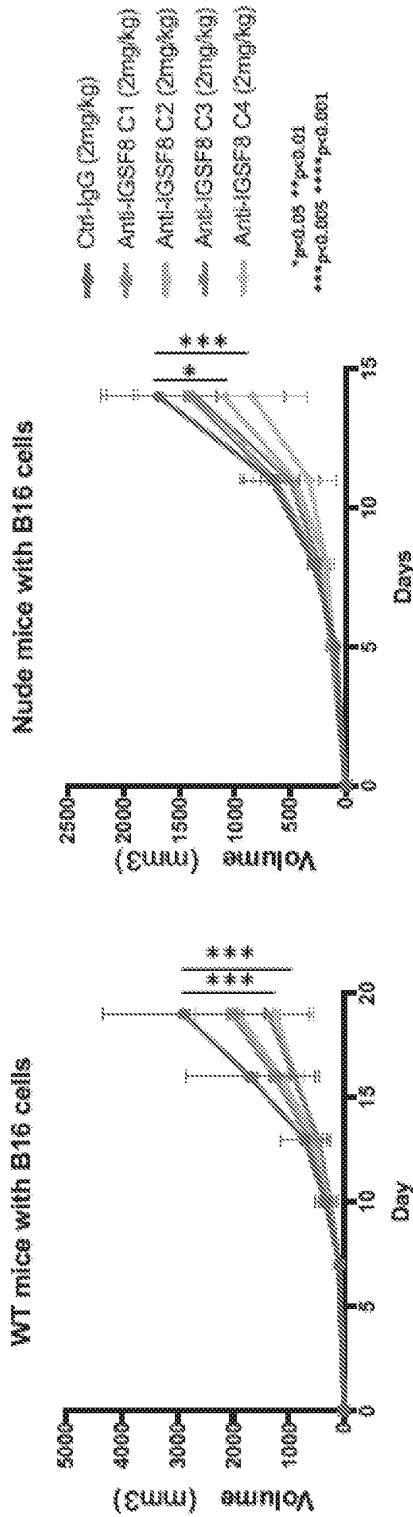


FIG. 11

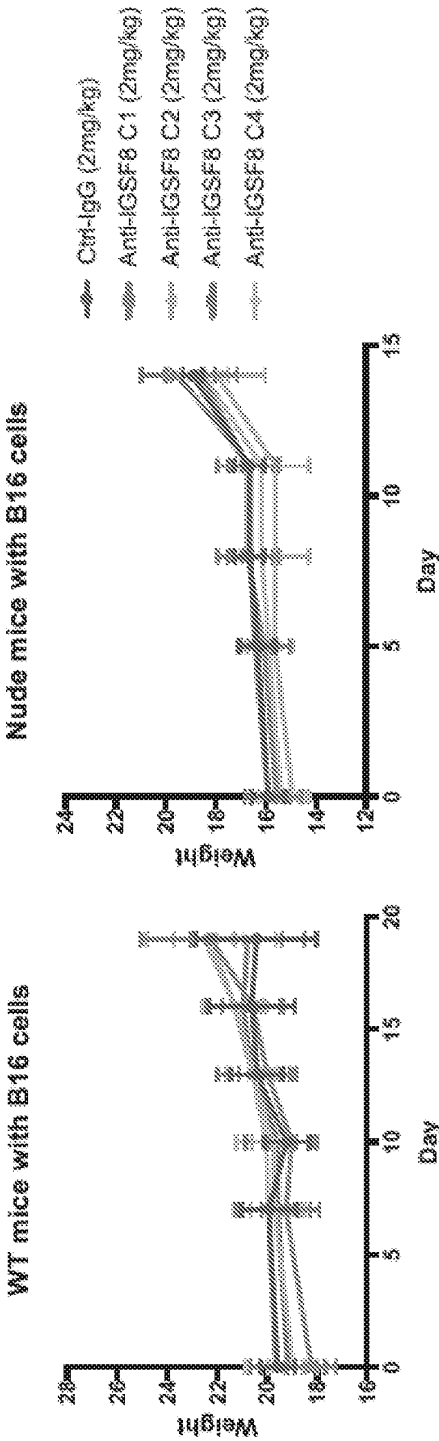


FIG. 12

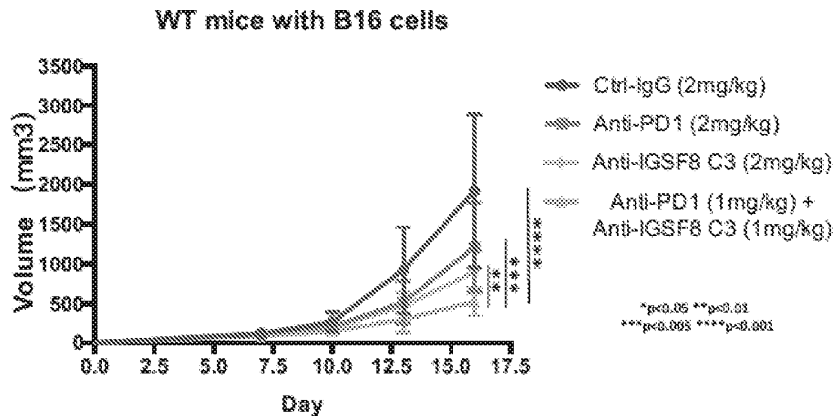


FIG. 13A

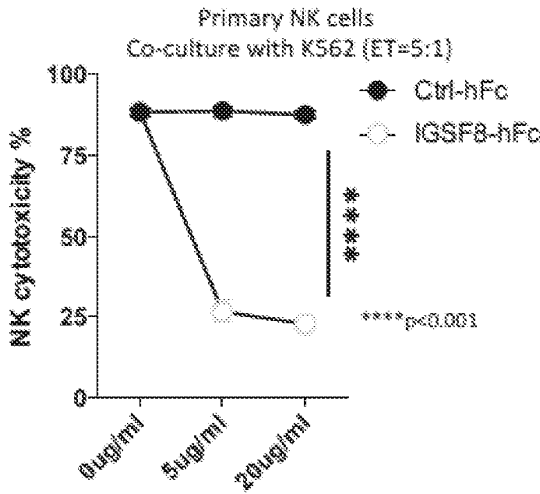


FIG. 13B

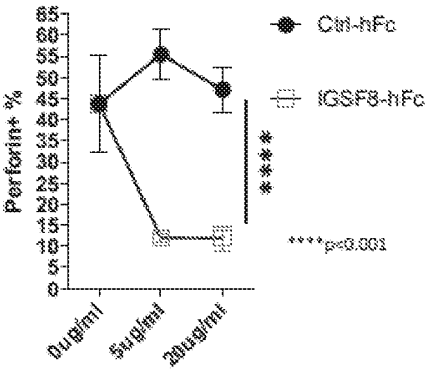


FIG. 14

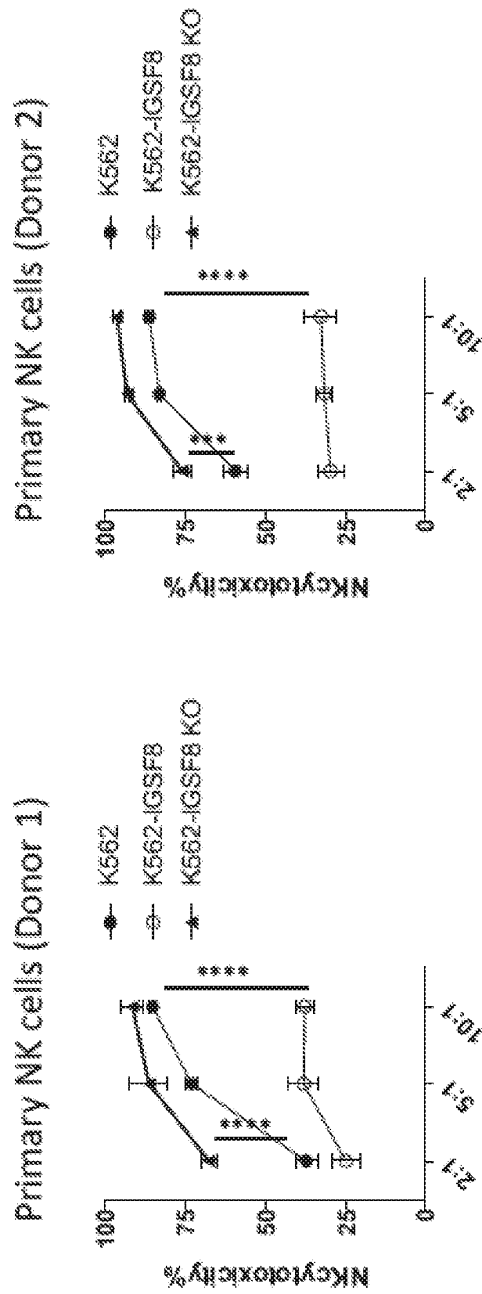


FIG. 15A

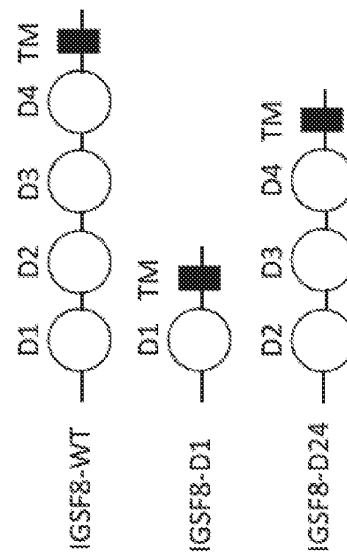


FIG. 15B

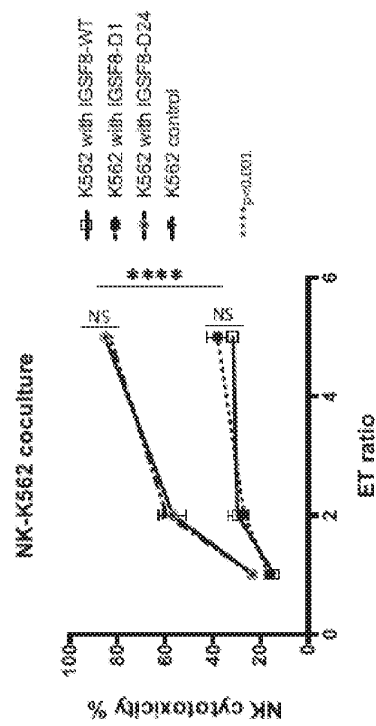


FIG. 16A

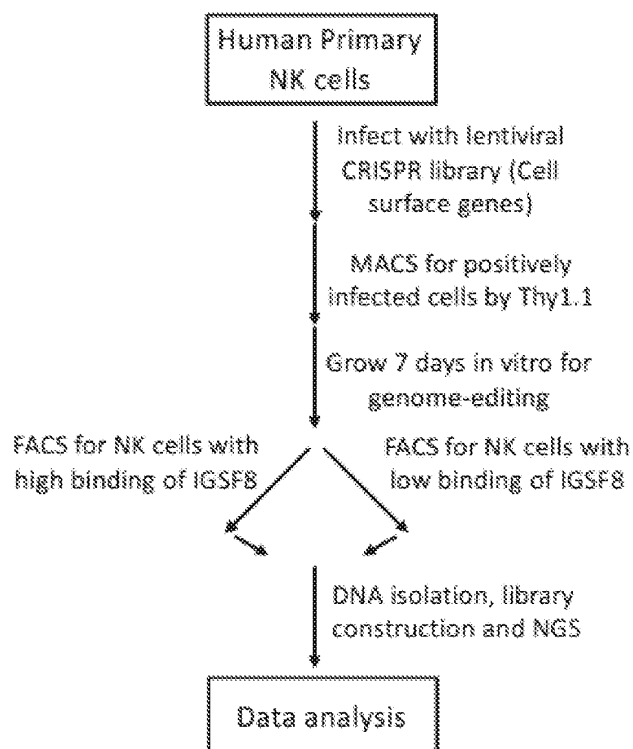


FIG. 16B

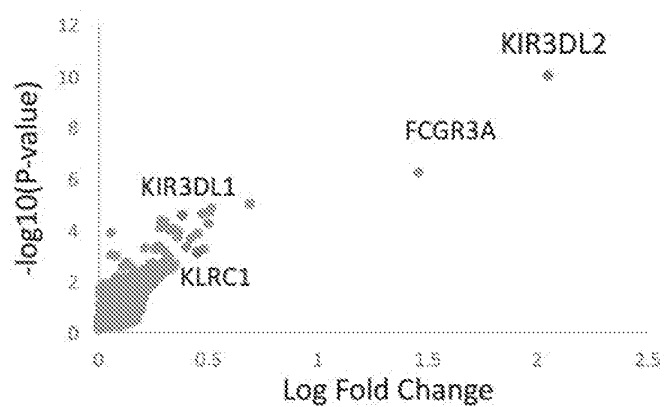


FIG. 17A

Lentiviral vector



FIG. 17B

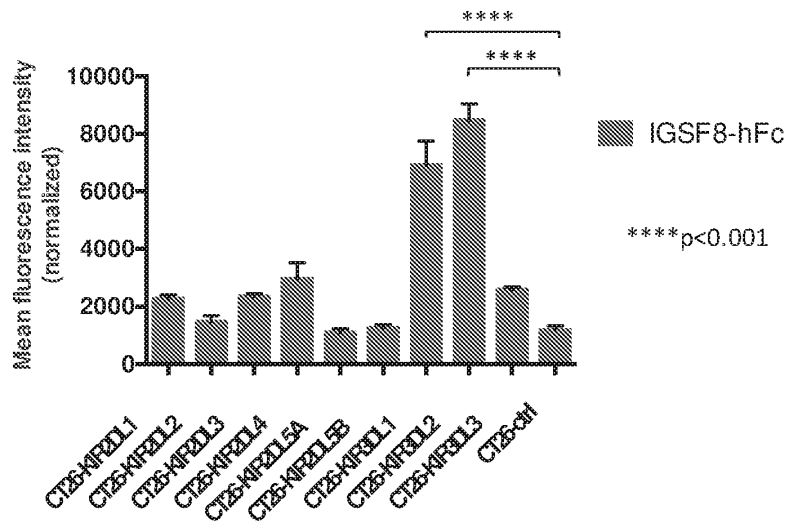


FIG. 17C

Lentiviral vector

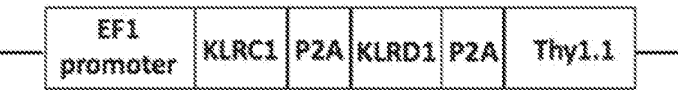
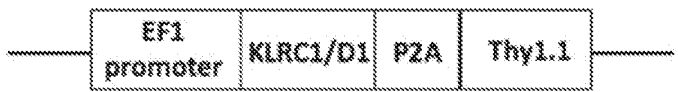


FIG. 17D

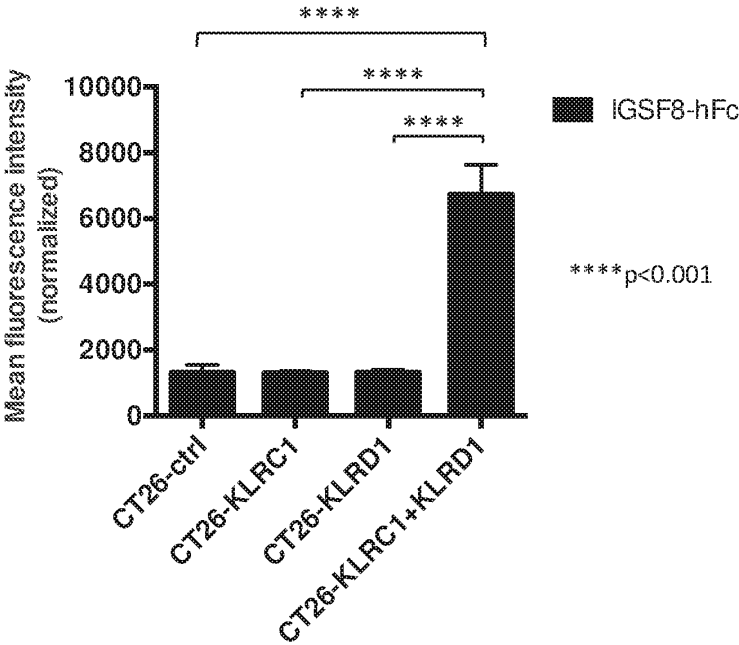


FIG. 17E

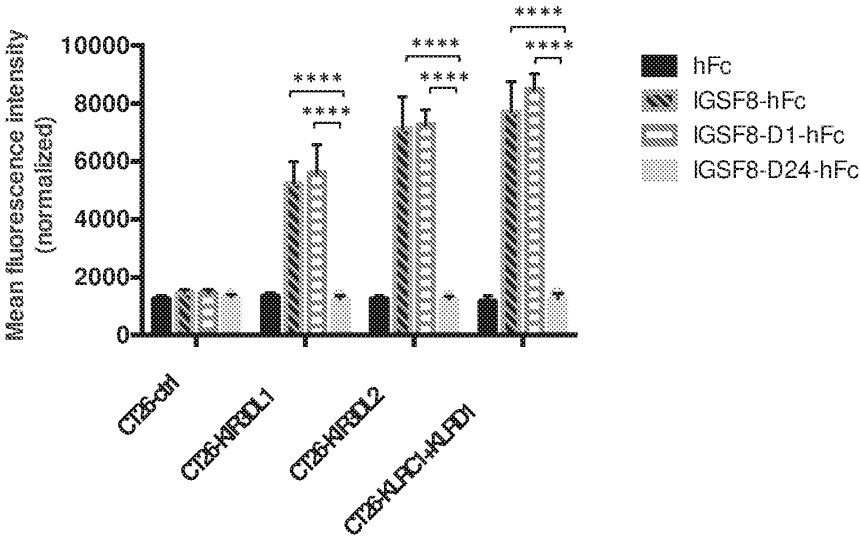


FIG. 18A

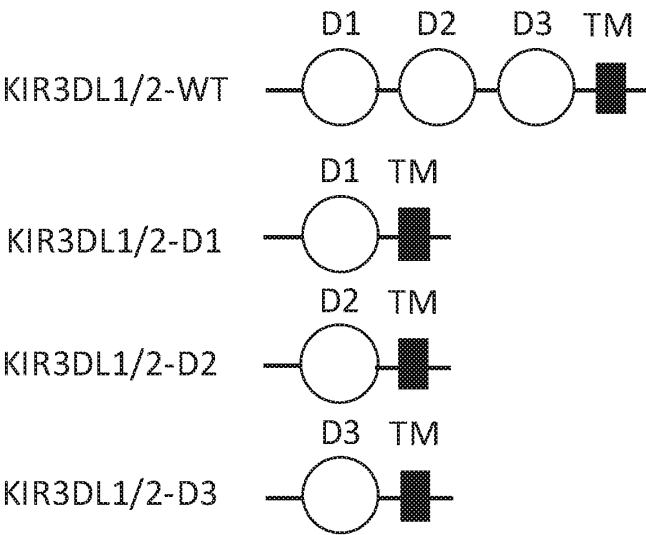


FIG. 18B

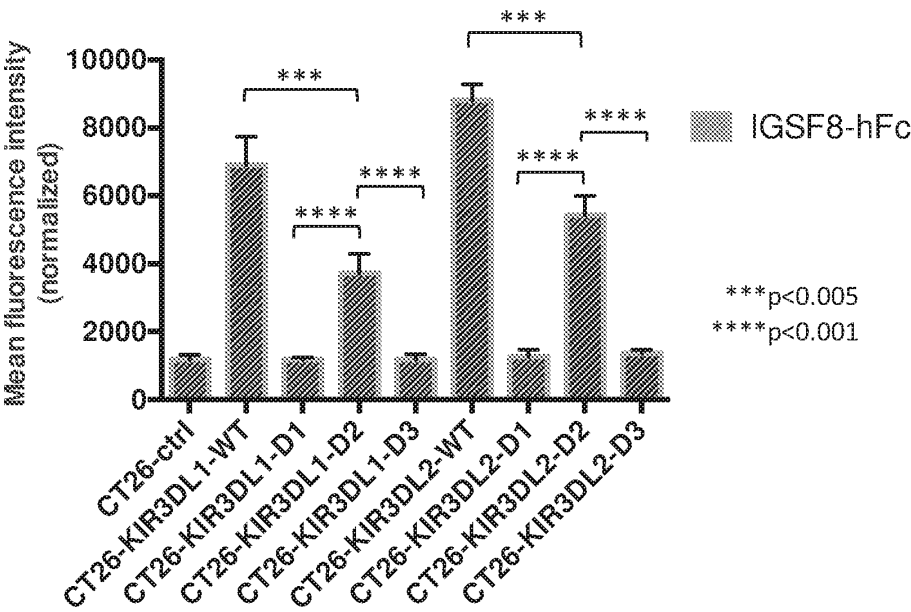


FIG. 19A

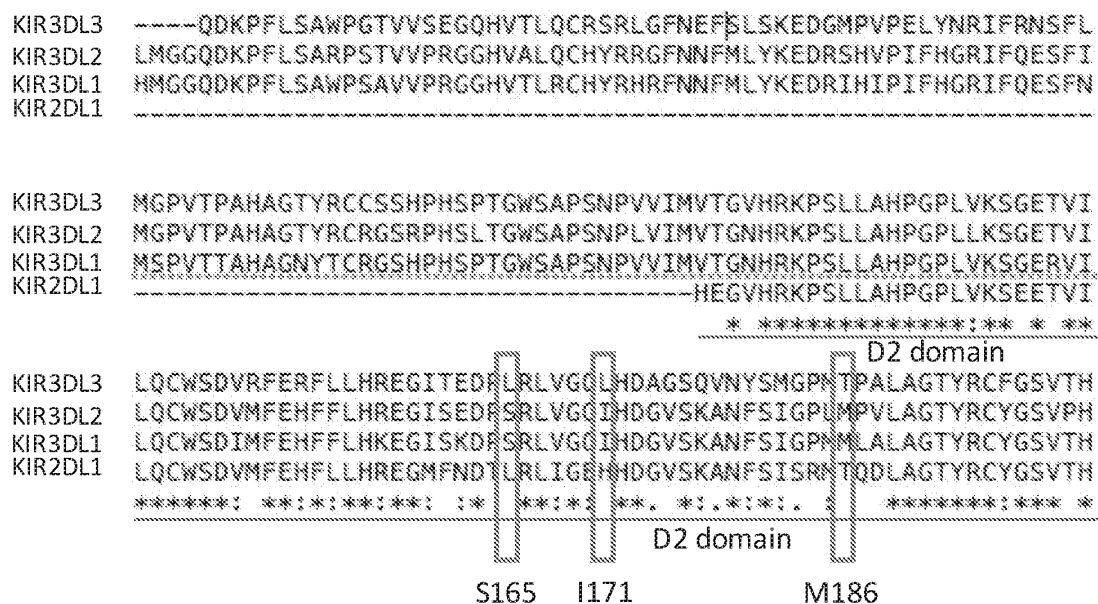


FIG. 19B

Crystal Structure of KIR3DL1

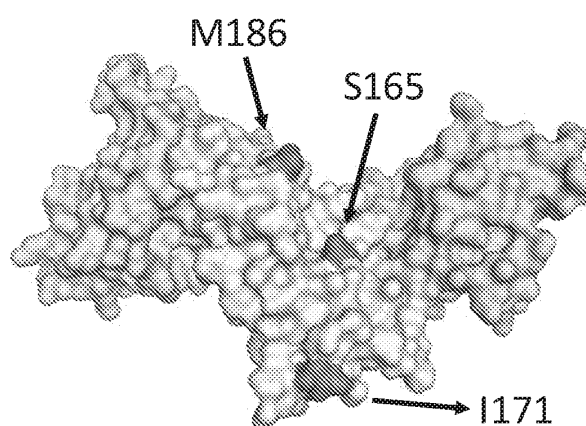


FIG. 20

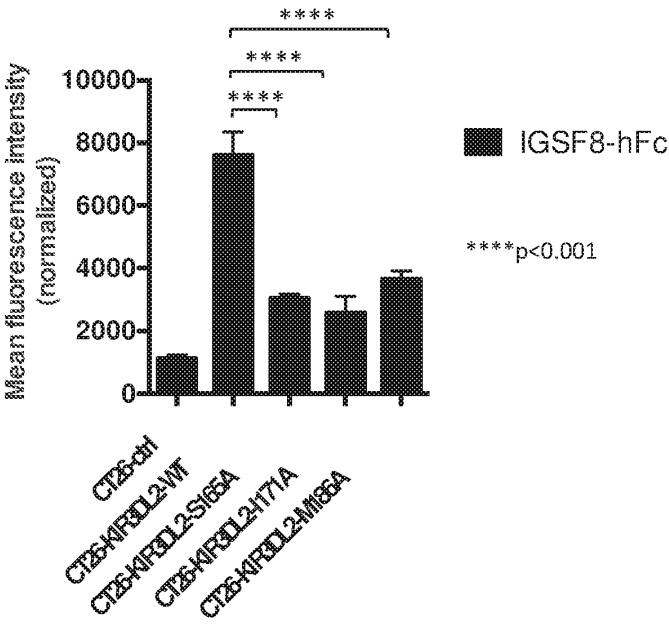


FIG. 21

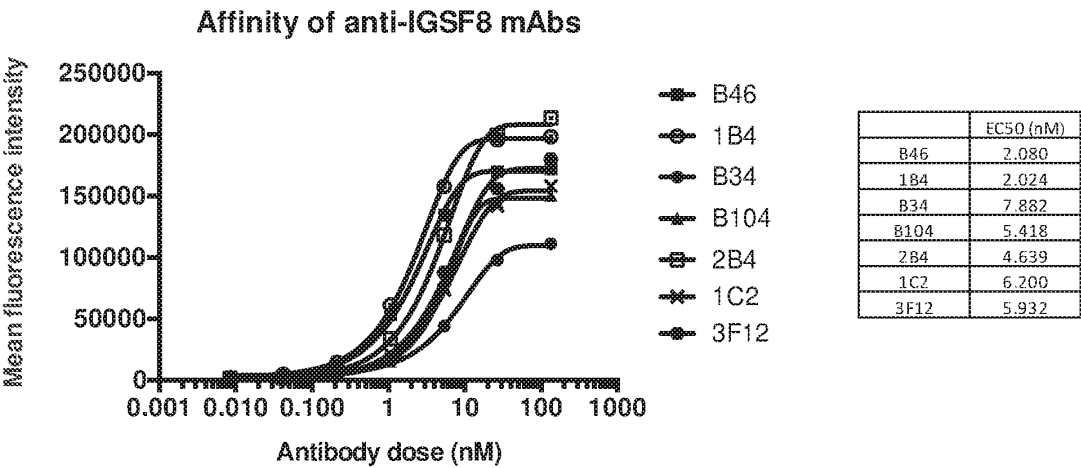


FIG. 22

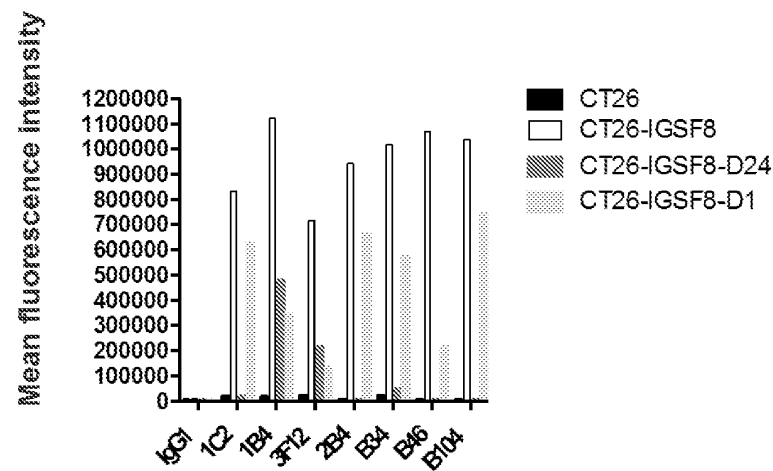


FIG. 23A

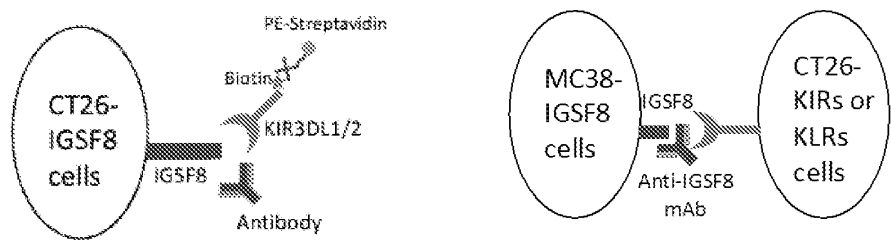


FIG. 23B

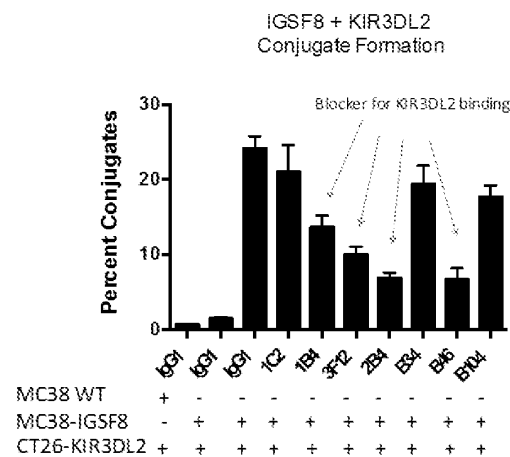


FIG. 23C

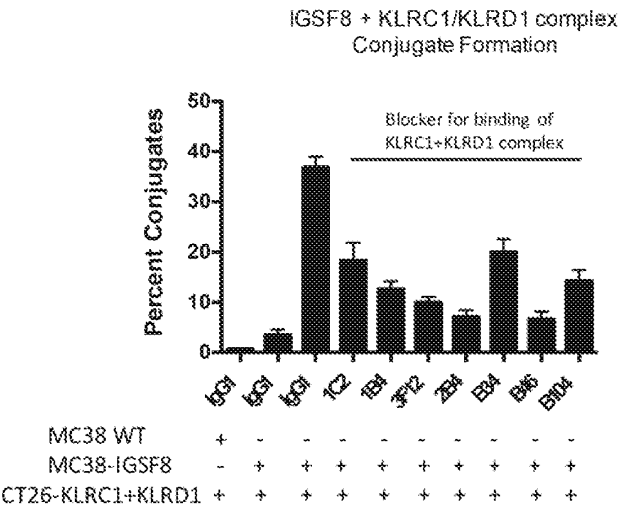


FIG. 24A

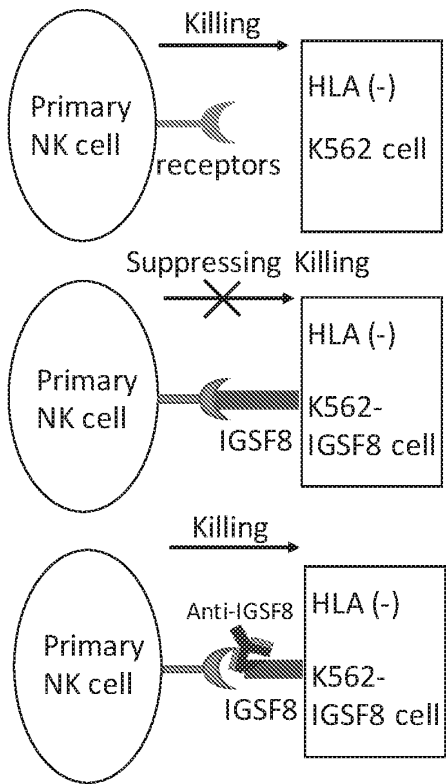


FIG. 24B

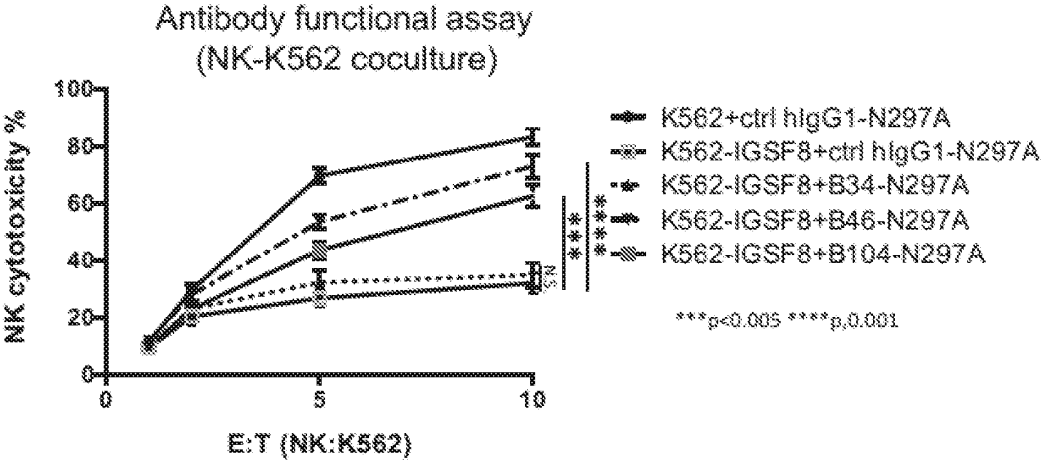


FIG. 25A

WT mice with B16-F10 syngeneic model

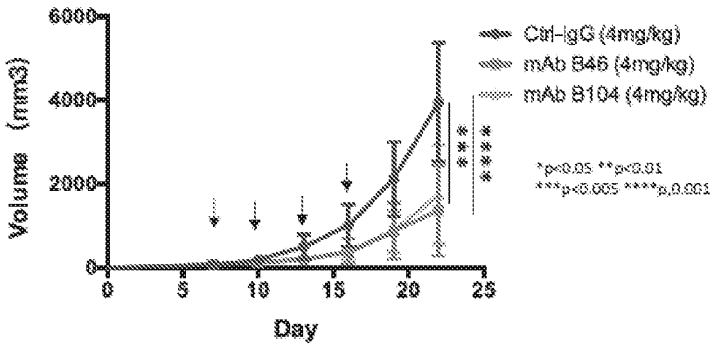


FIG. 25B

Individual mice

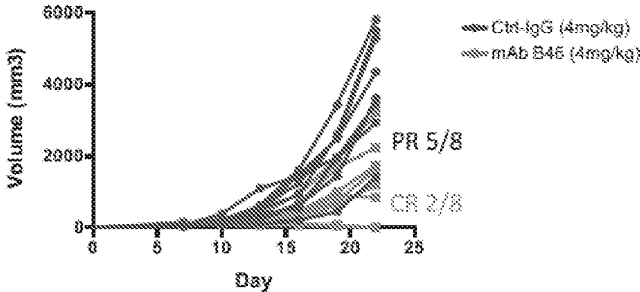


FIG. 26A

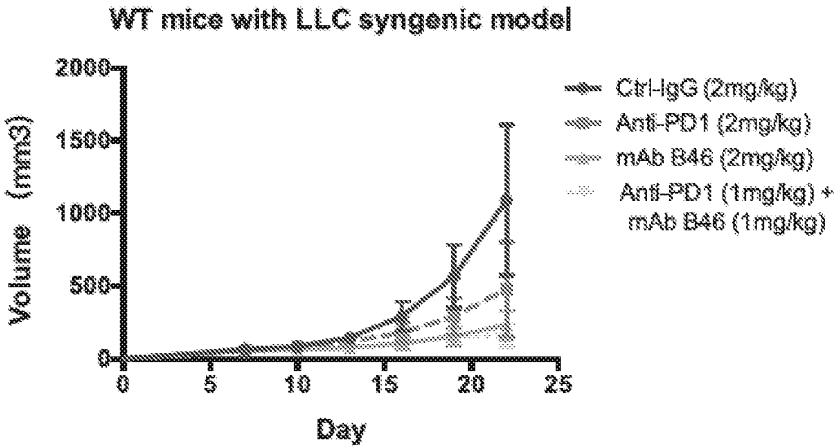


FIG. 26B

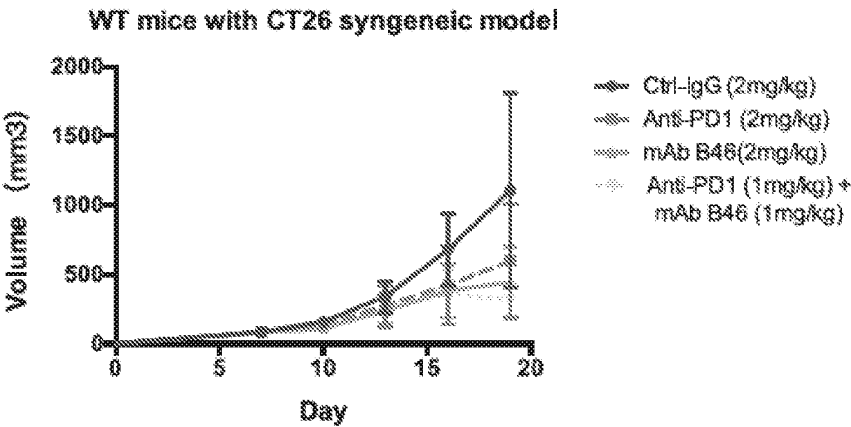


FIG. 27

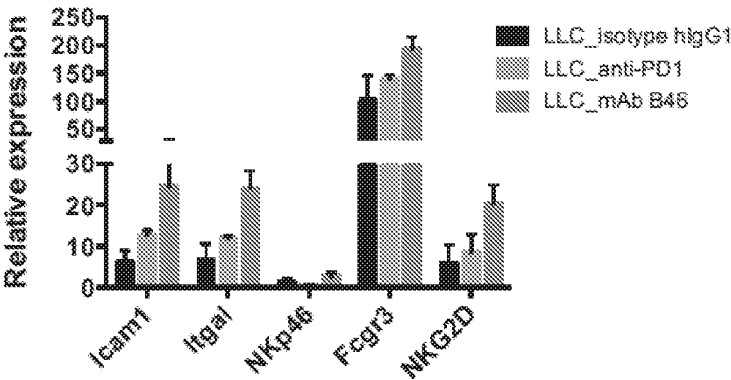


FIG. 28

L1 VH sequence: CDR1
 QVQLVESGGGVQPGRSLRLSCAASGFTFSTYGMHWVRQAPGKGLEWVAIVDDGSYKYYGDSVKGRFTISRDN SKNTLYLQMN
 SLRAEDTAVYYCARDGSGWGAFD CDR2
CDR3

L1 VL sequence: CDR1
 DIQLTQSPSSLASVGDRTVTITCOASQDISEYLNWYQHKPGKAPNPLVFDAANLETGVPPRFSA TSGTDFSLTITSLQPEDFATYYC
 QQYDSFPYTIFGQGTRLDIKRTV CDR2
CDR3

L2 VH sequence: CDR1
 EVQLVESGGGLEQPGGSLRLSCAGSGFTFRDYAMTWVRQAPGKGLEWVSSISGSGGNTYYADSVKGRFTISRDN SKNTLYLQM
 NSLRAEDTAIYYCARGESYSGWPSWFDPWGQGLTVTVSS CDR2
CDR3

L2 VL sequence: CDR1
 EIVLTQSPSSLASVGDRTVISCRASTRVGTFLNWWYQQRPKPPQALILGVSIILEGGVSSRFSGAGSGT EFLTISLQPEDIGTYTC
 QQSHDVPRITIFGQGTKVDLRRTV CDR2
CDR3

FIG. 29
L1-VH negative selection

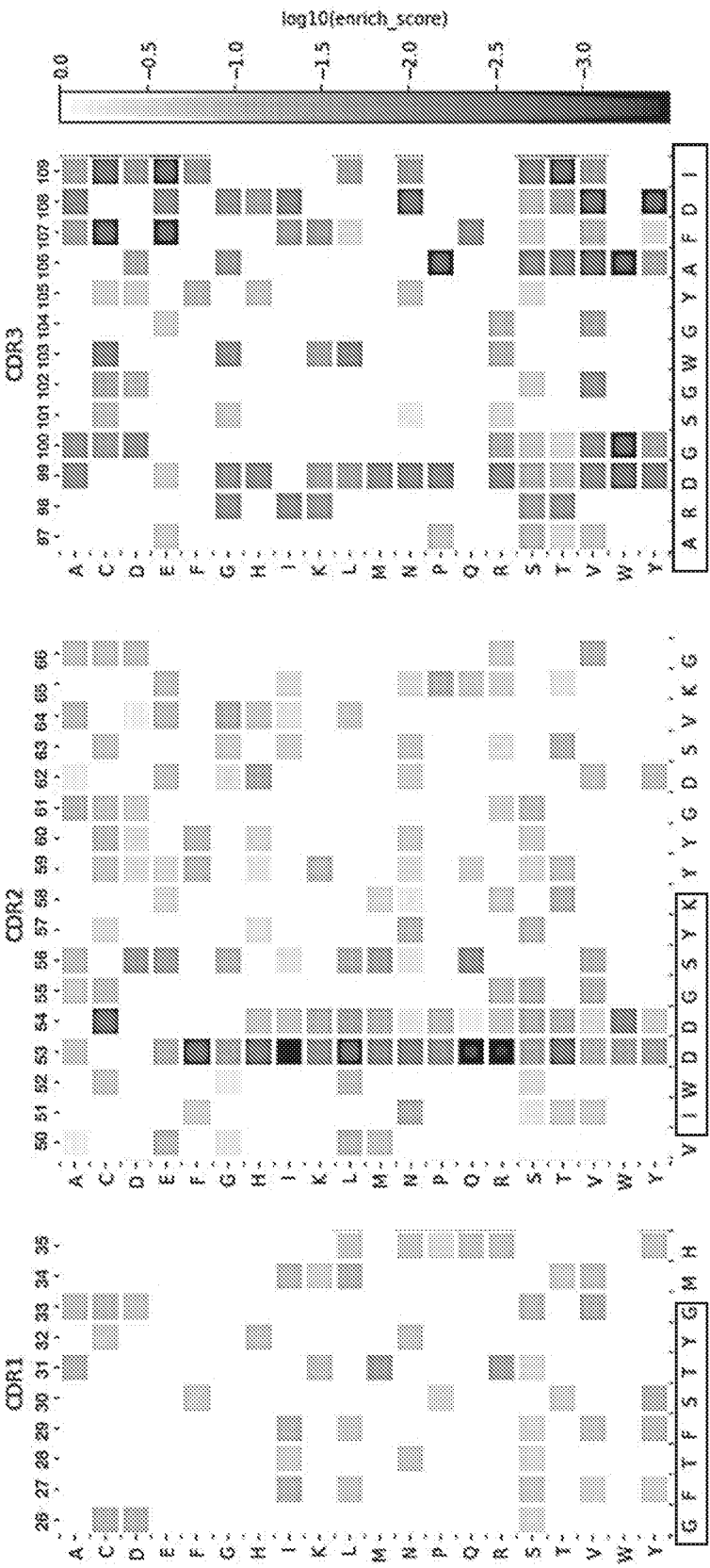


FIG. 30
L1-VH positive selection

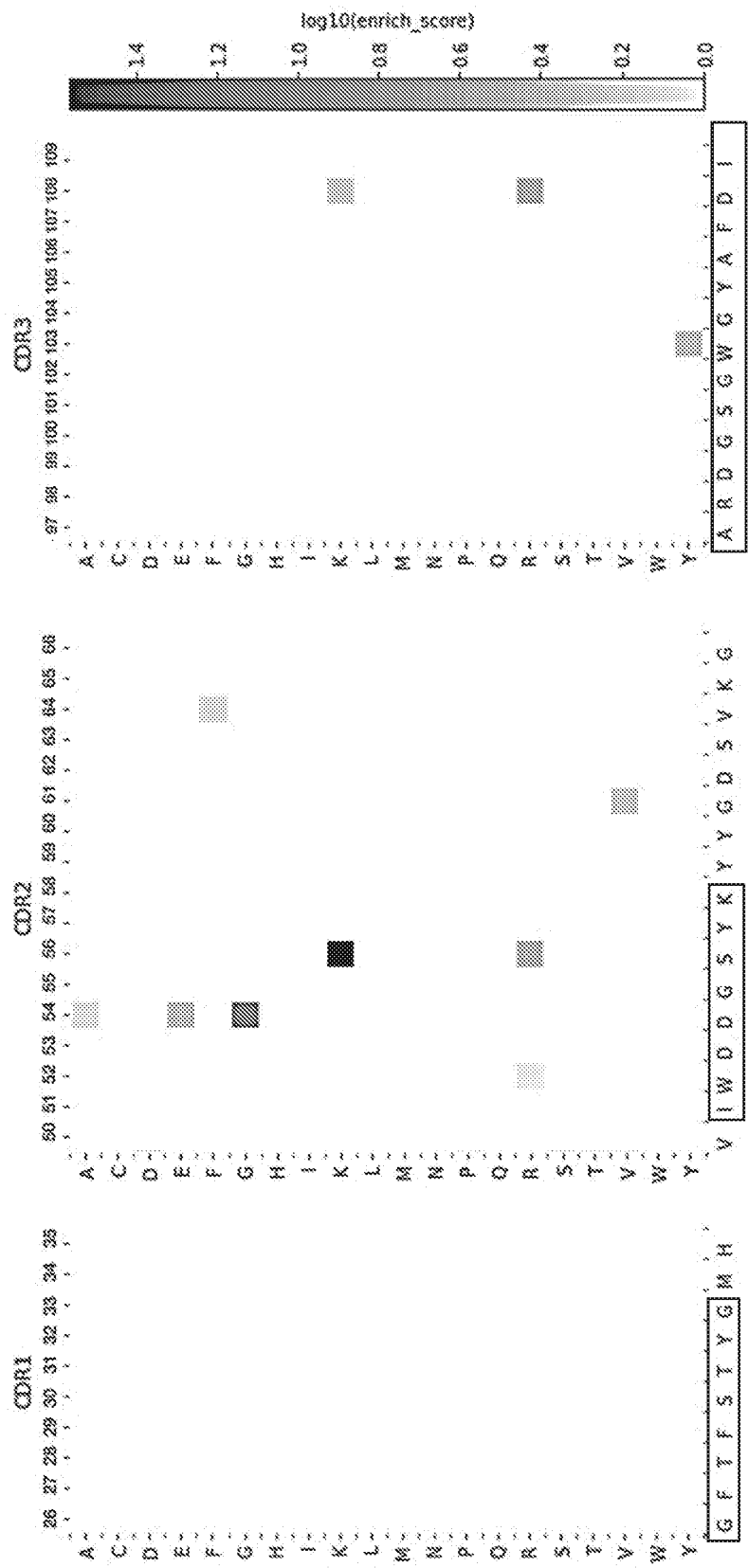


FIG. 31
L1-VL negative selection

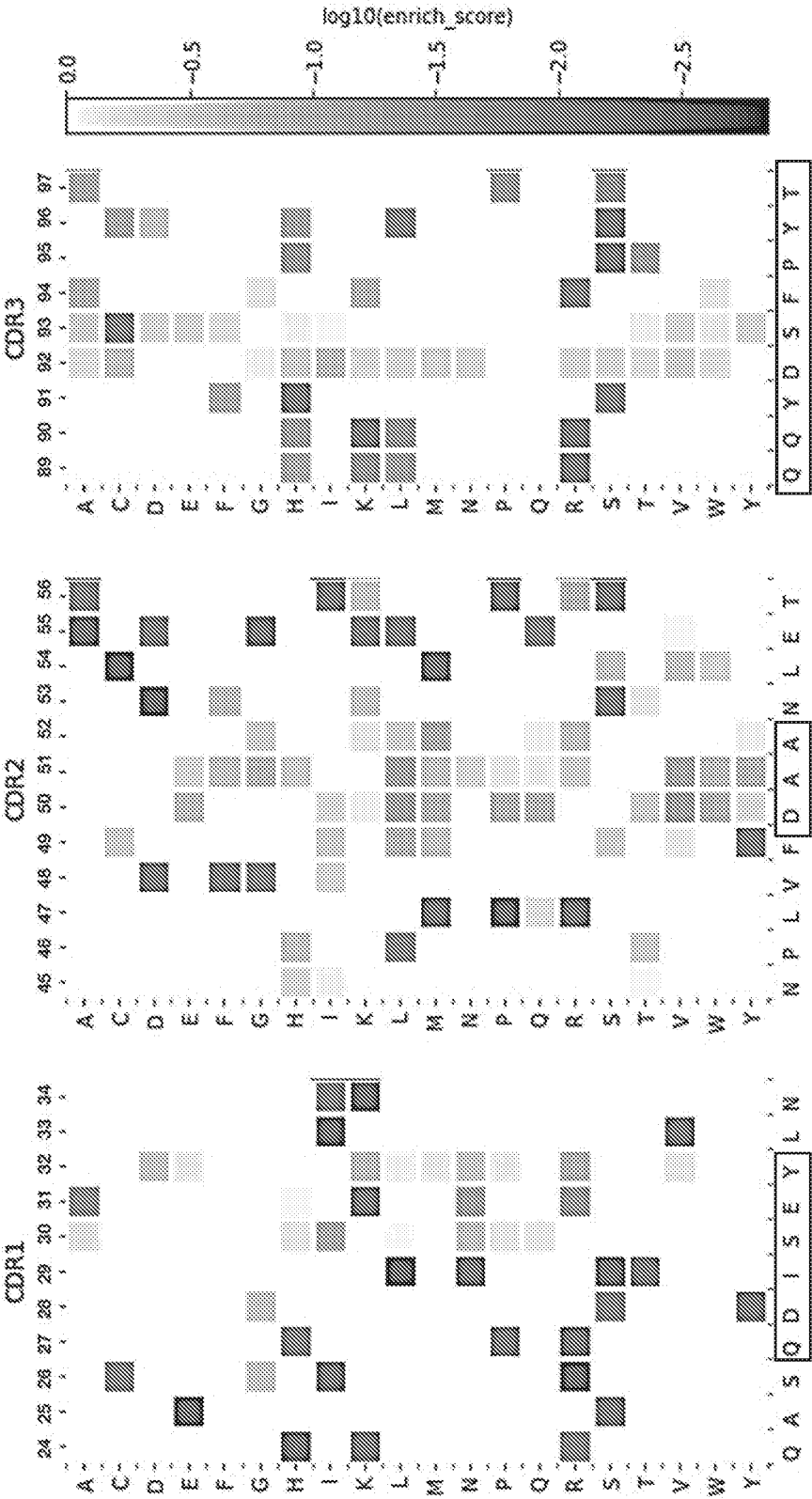


FIG. 32

L1-VL positive selection

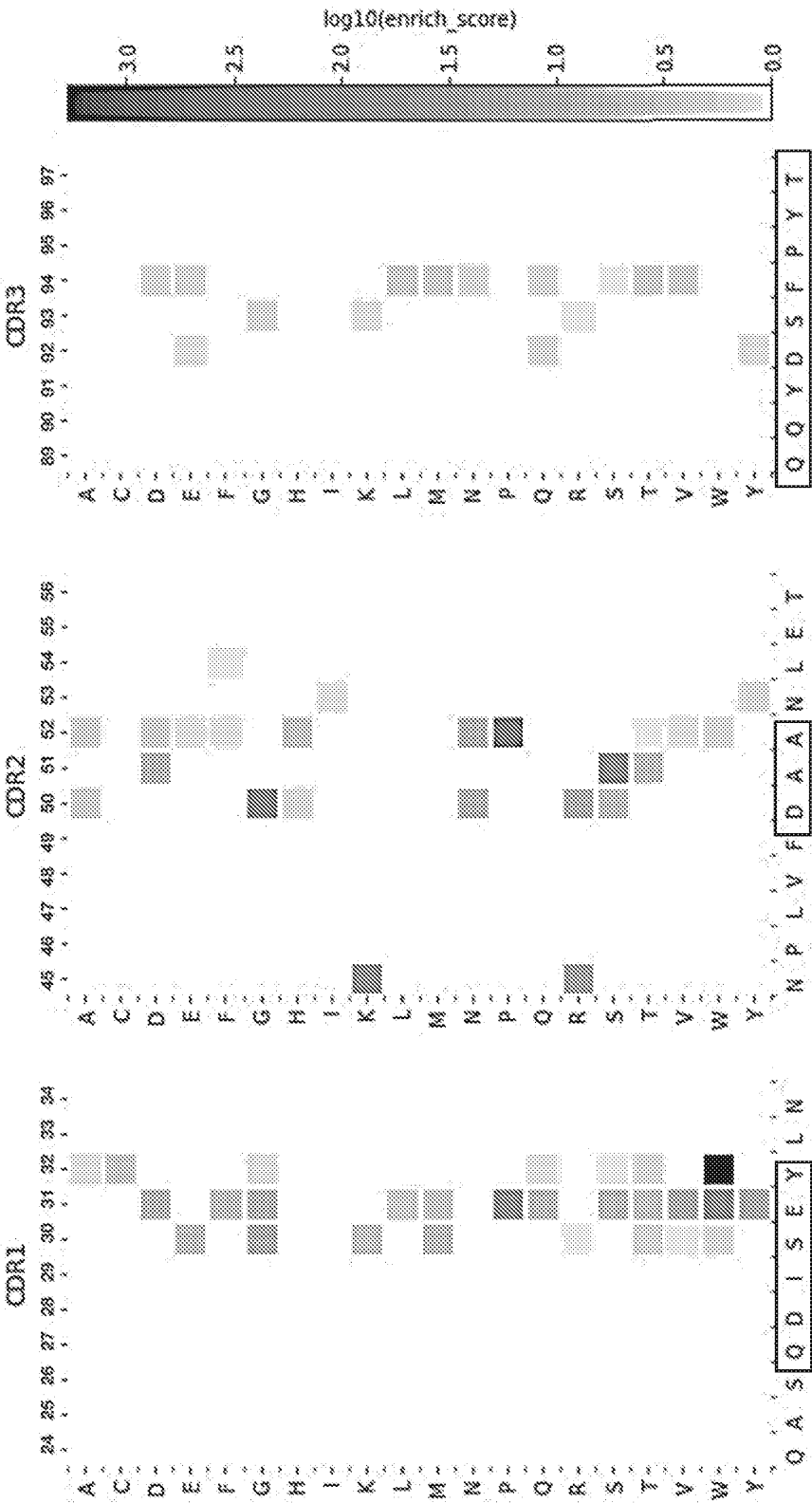


FIG. 33

L2-VH negative selection

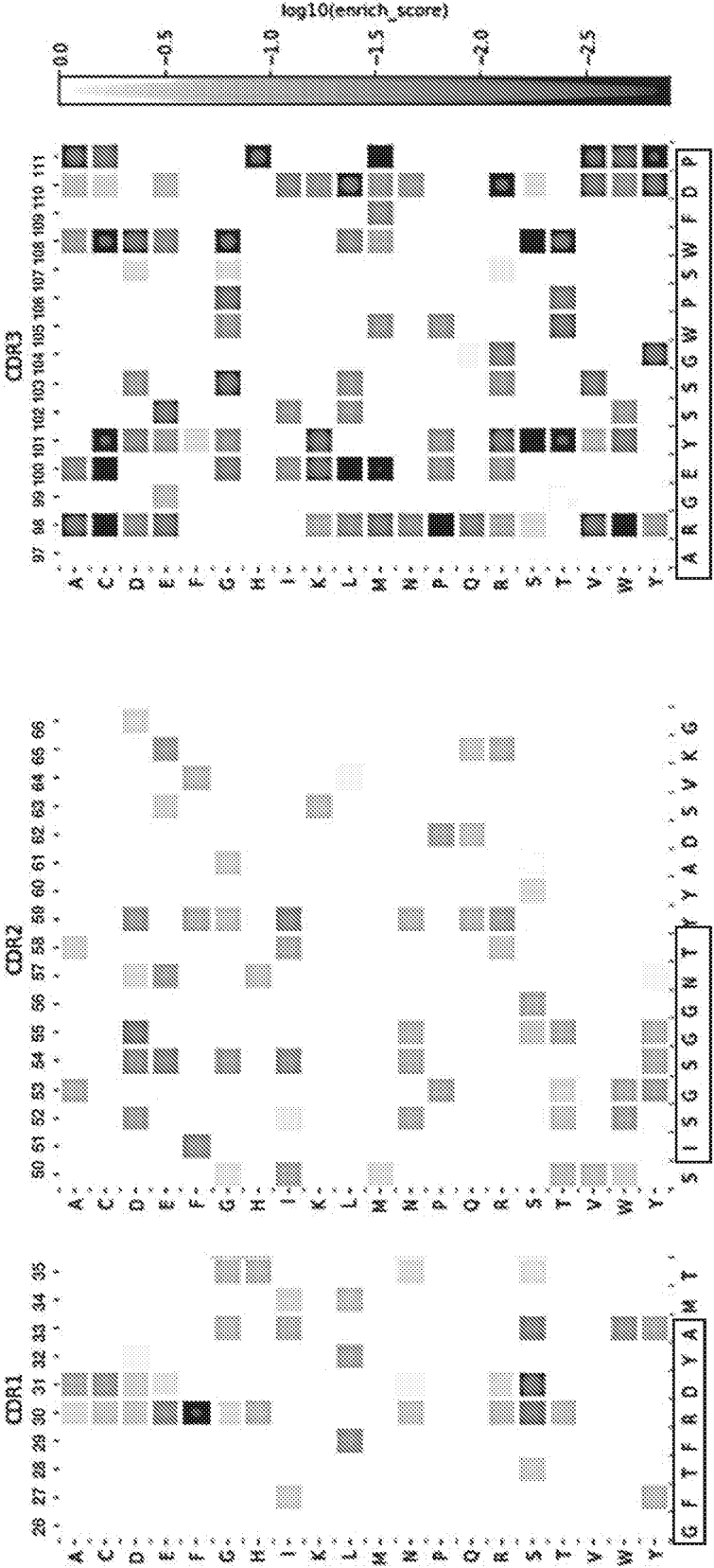


FIG. 34

L2-VH positive selection

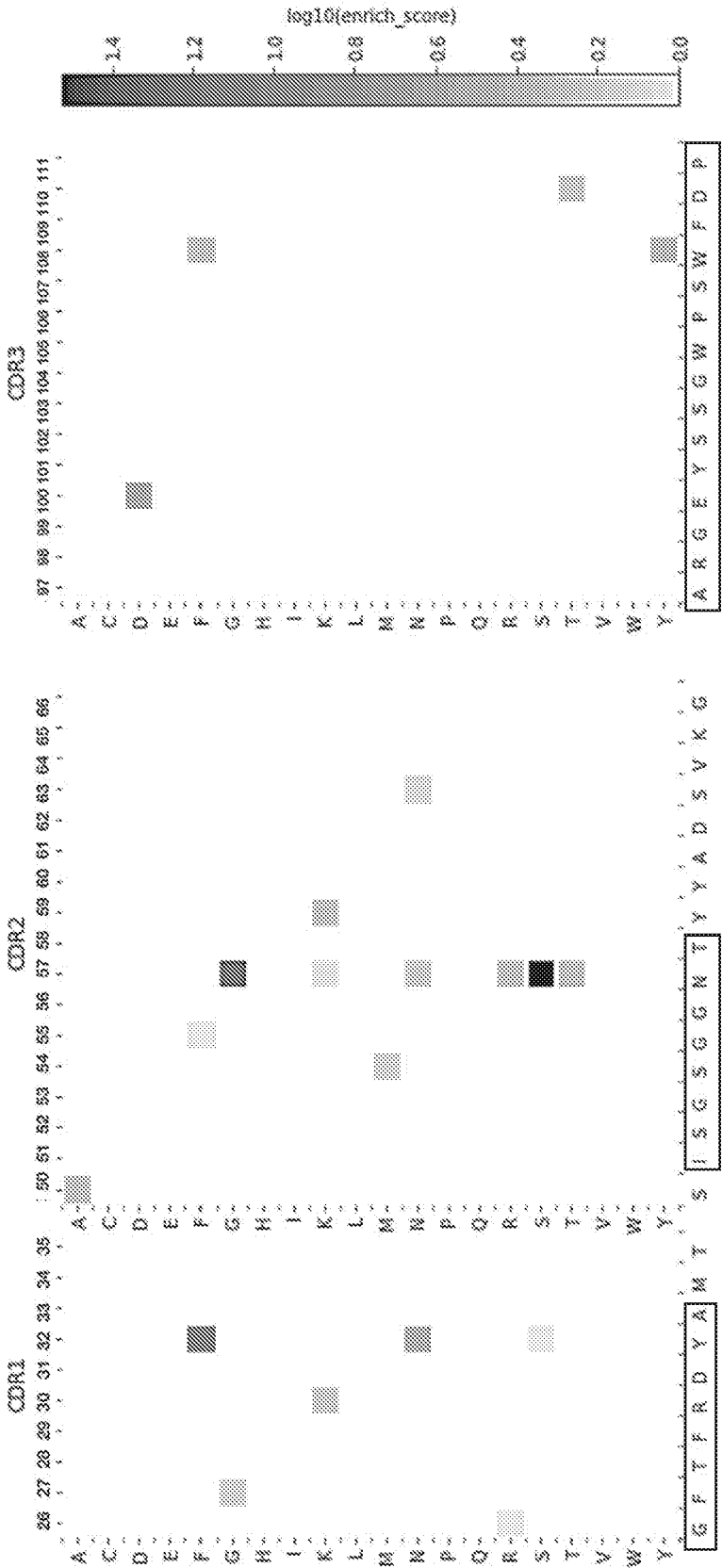


FIG. 35
L2-VL negative selection

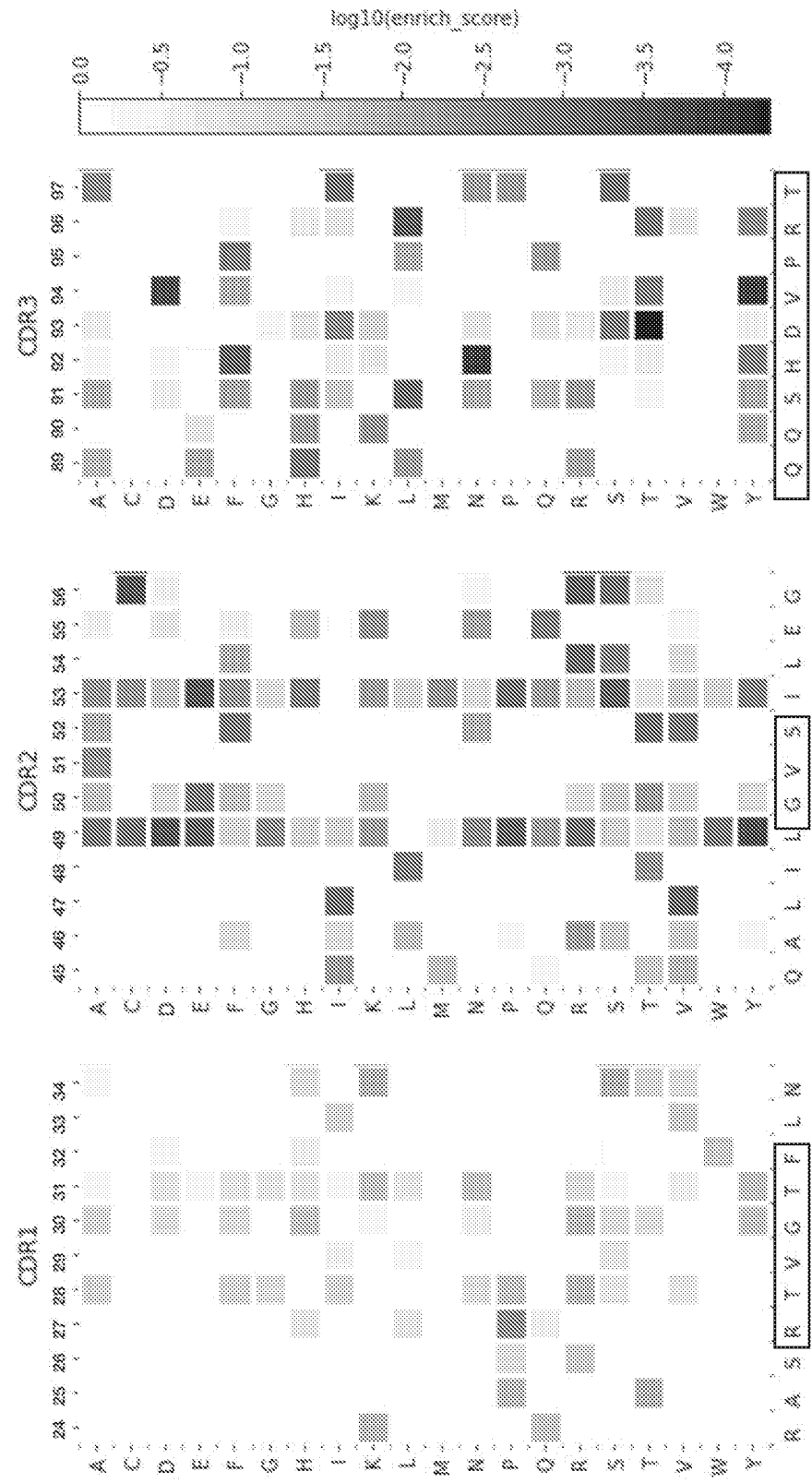


FIG. 36
L2-VL positive selection

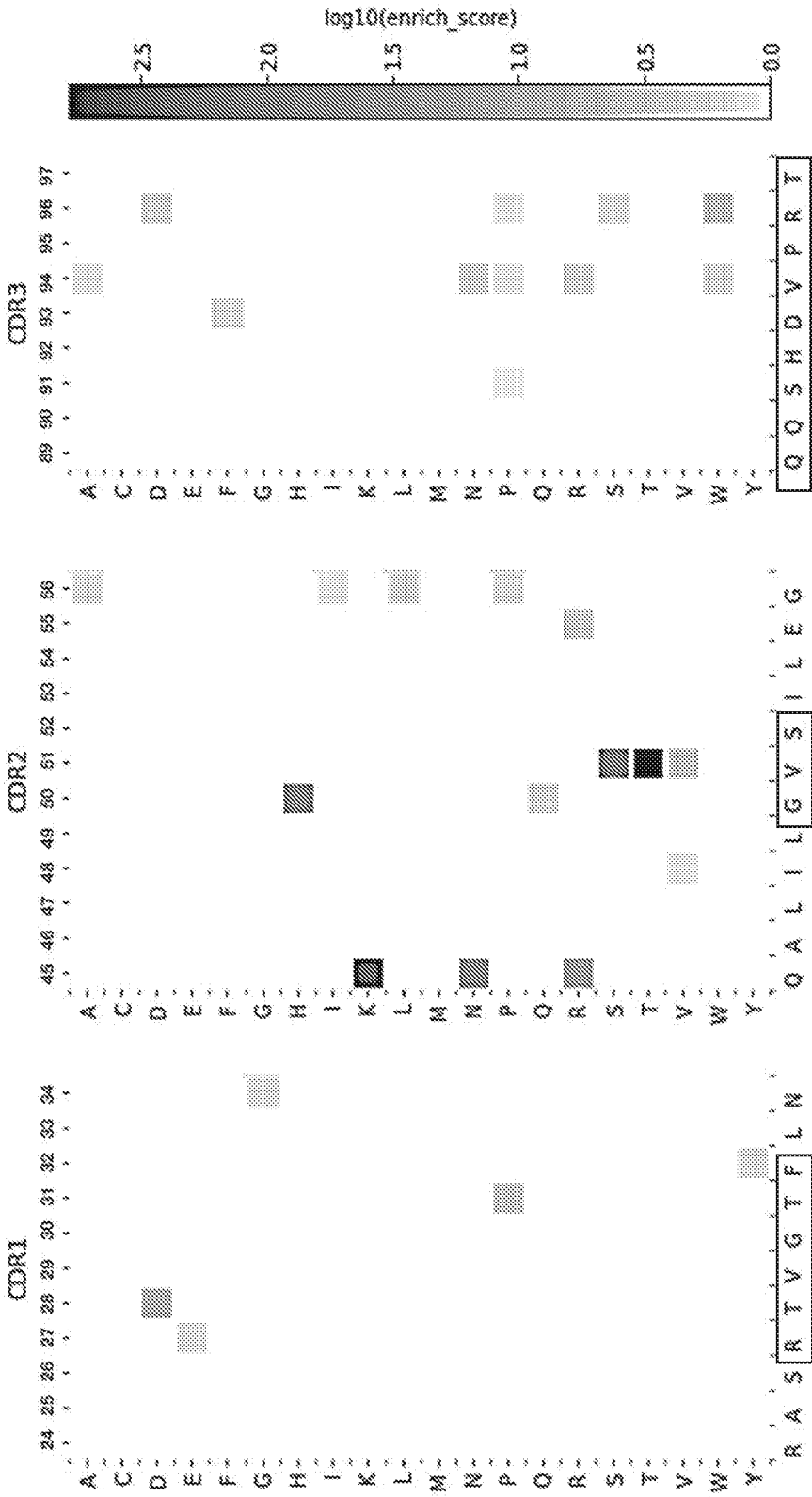


FIG. 37A

CT26 - human IGSF8

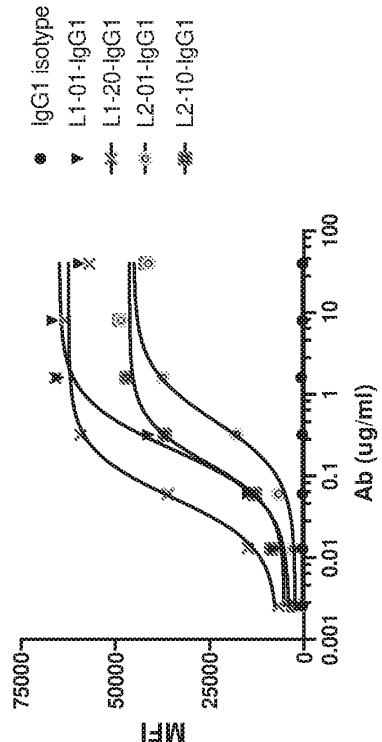


FIG. 37B

CT26 - cynomolgus monkey IGSF8

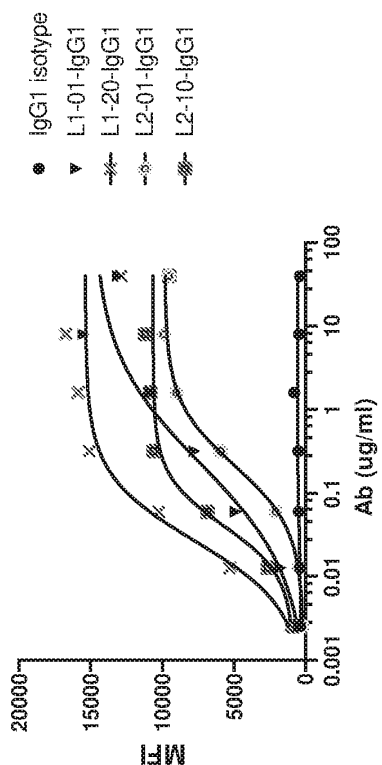


FIG. 37C

CT26 - mouse IGSF8

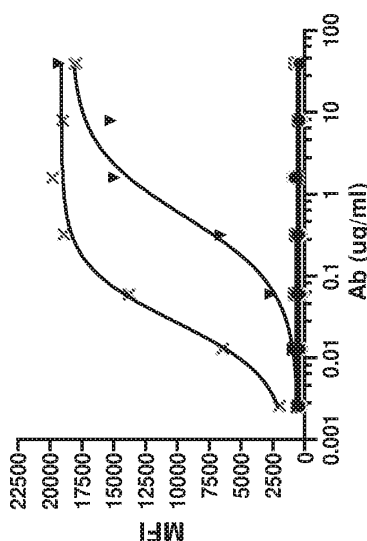


FIG. 37D

	Human IGSF8		Monkey IGSF8		Mouse IGSF8	
	EC50 (ug/ml)		EC50 (ug/ml)		EC50 (ug/ml)	
IgG1 isotype	~		~		~	
L1-01-IgG1	0.2056		0.2241		0.5384	
L1-20-IgG1	0.05371		0.02676		0.02751	
L2-01-IgG1	0.4726		0.21167		~	
L2-10-IgG1	0.1446		0.04098		~	

FIG. 38A

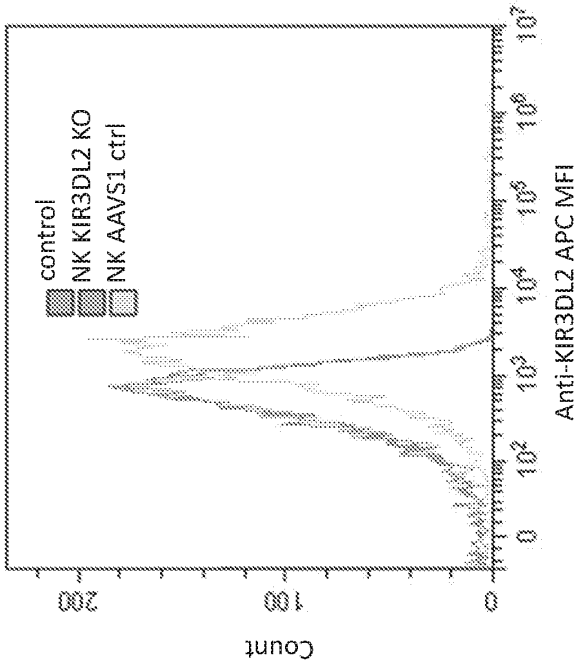


FIG. 38B

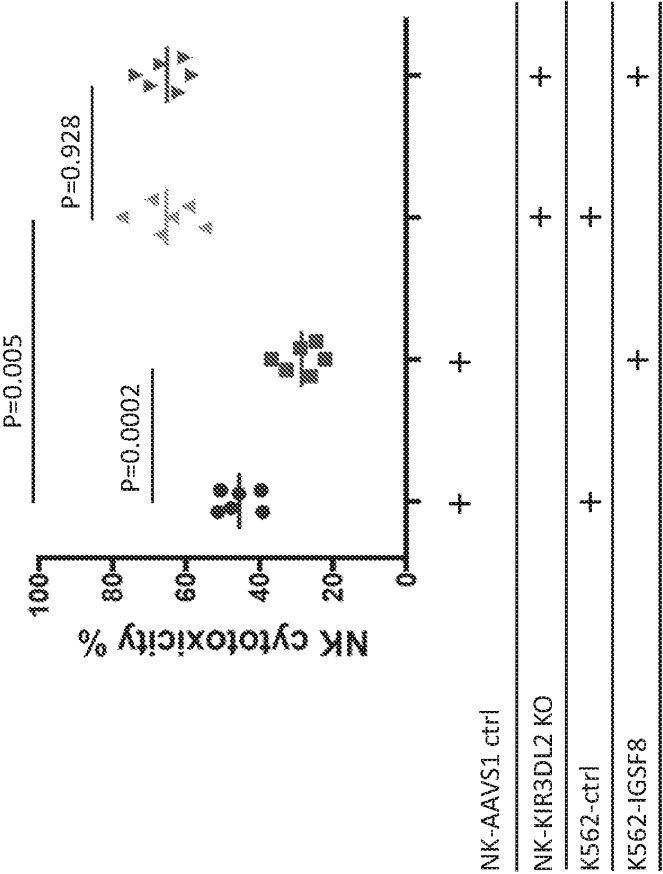


FIG. 39

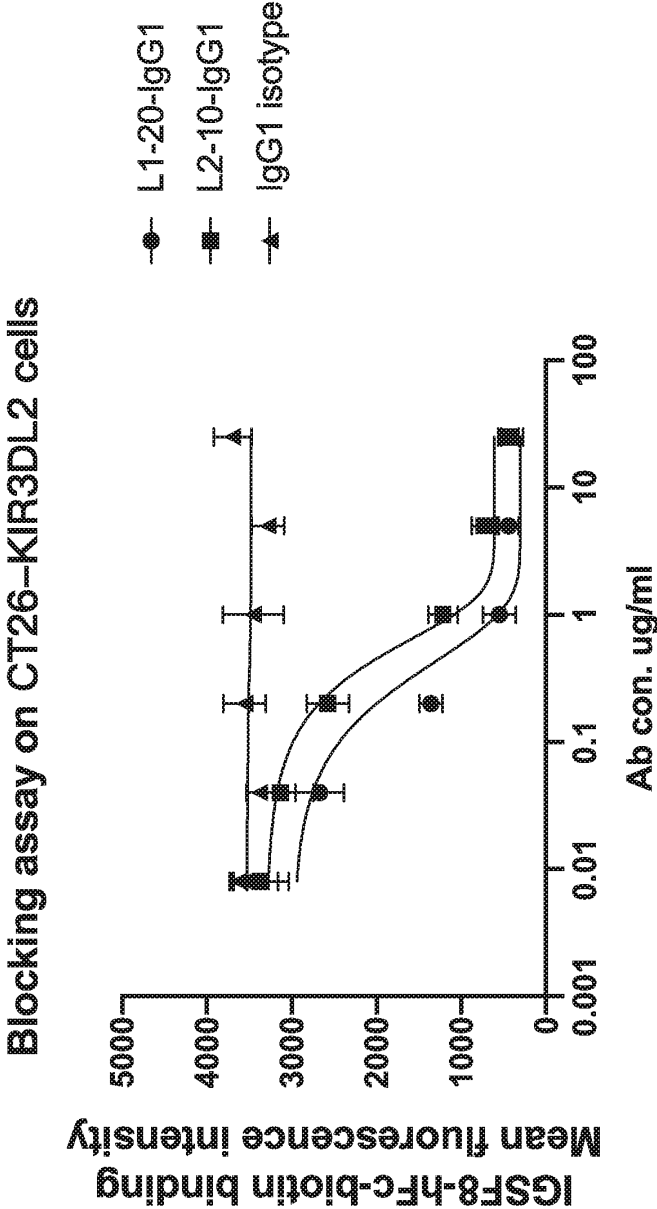


FIG. 40A

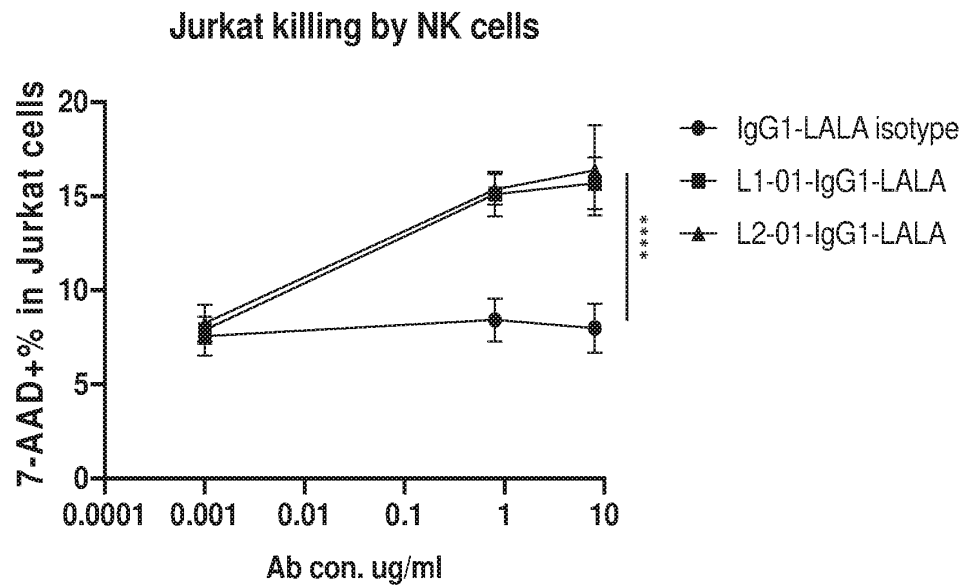


FIG. 40B

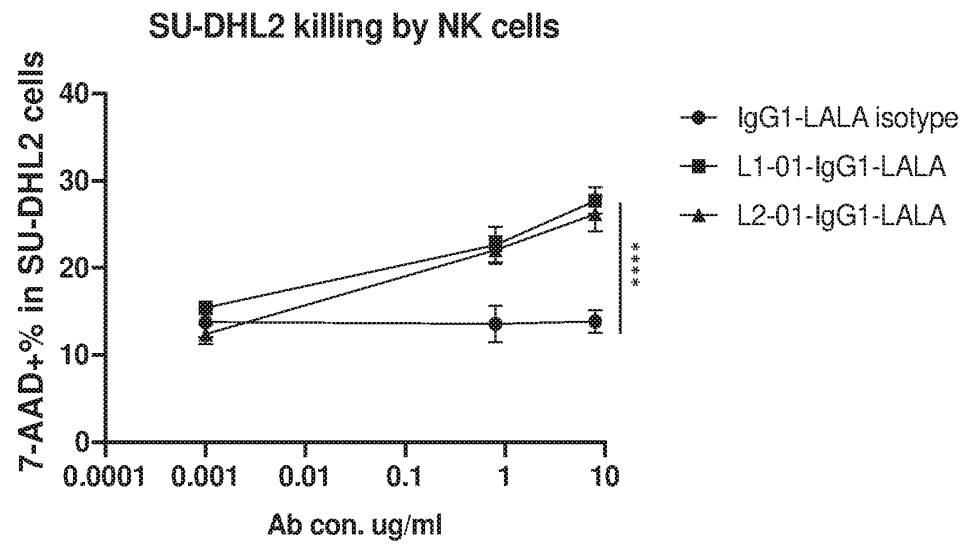


FIG. 40C

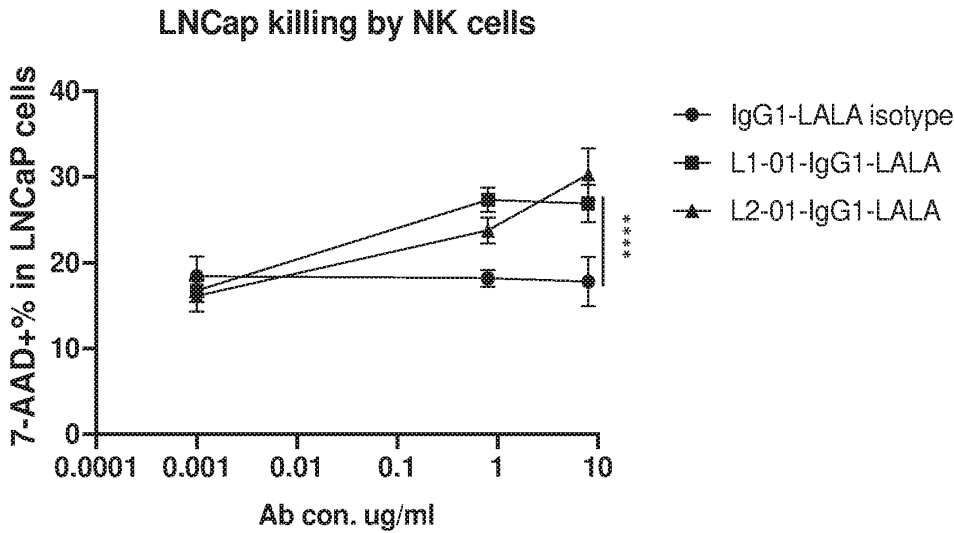


FIG. 40D

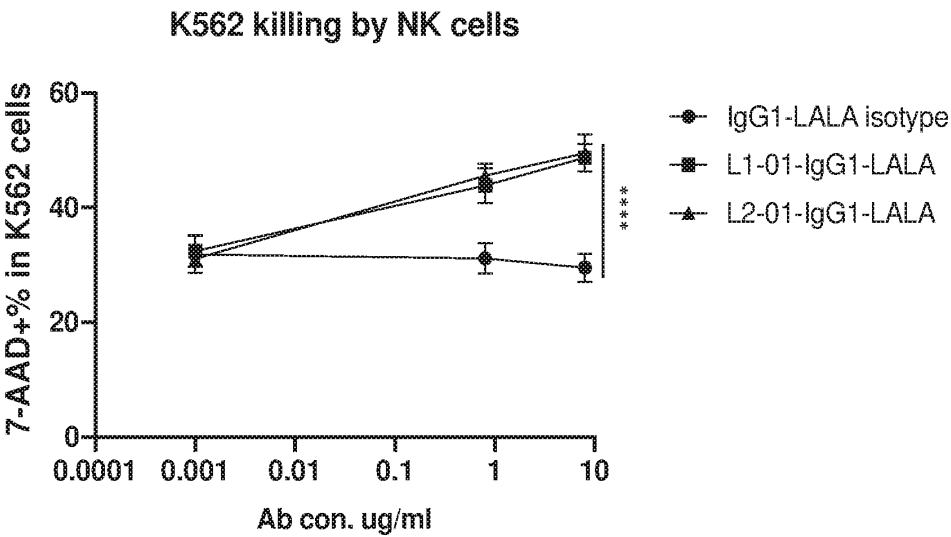


FIG. 41A

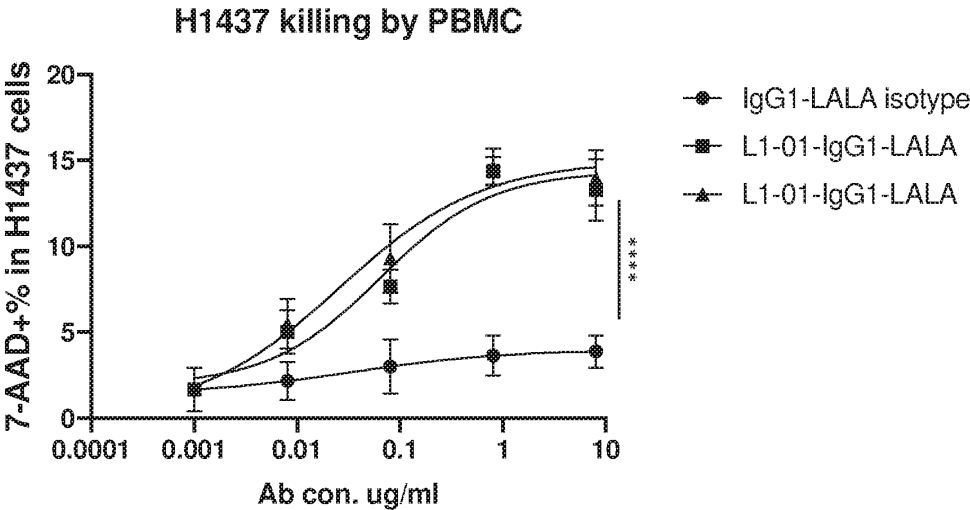


FIG. 41B

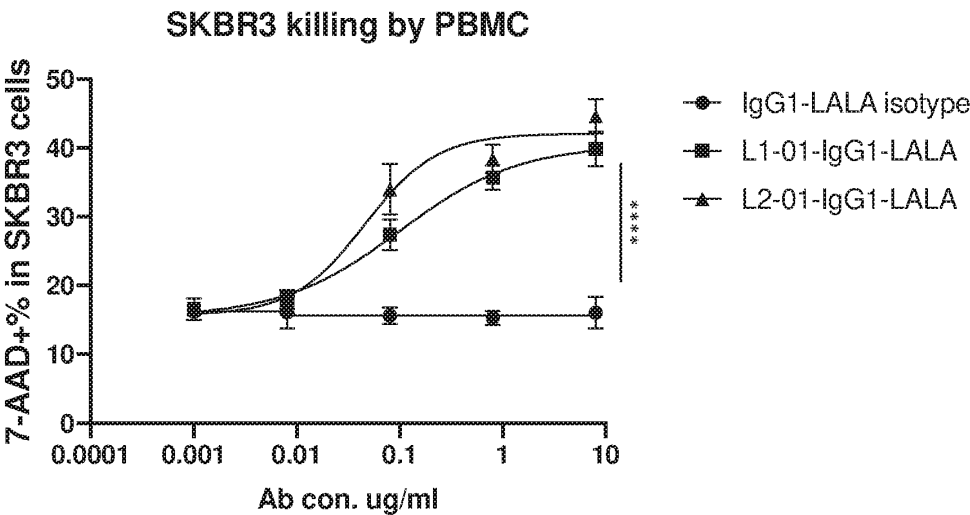


FIG. 42A

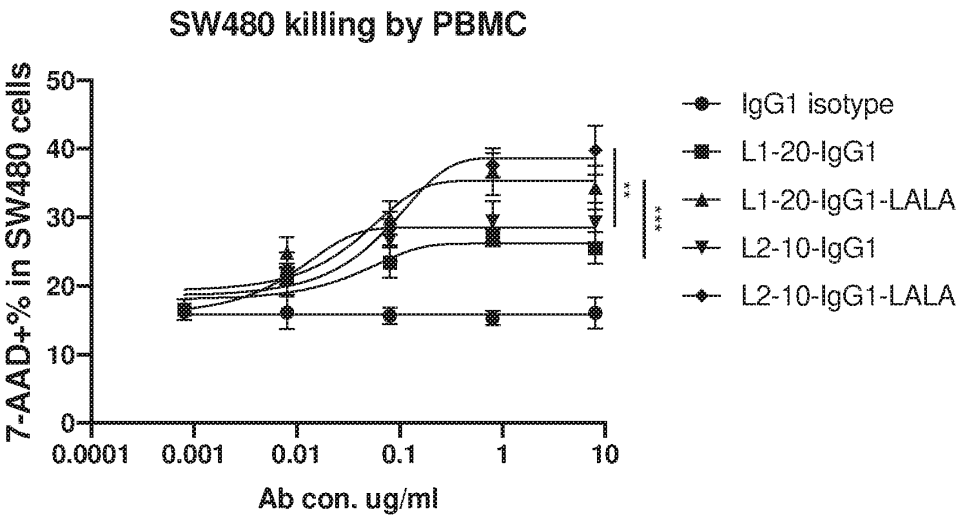


FIG. 42B

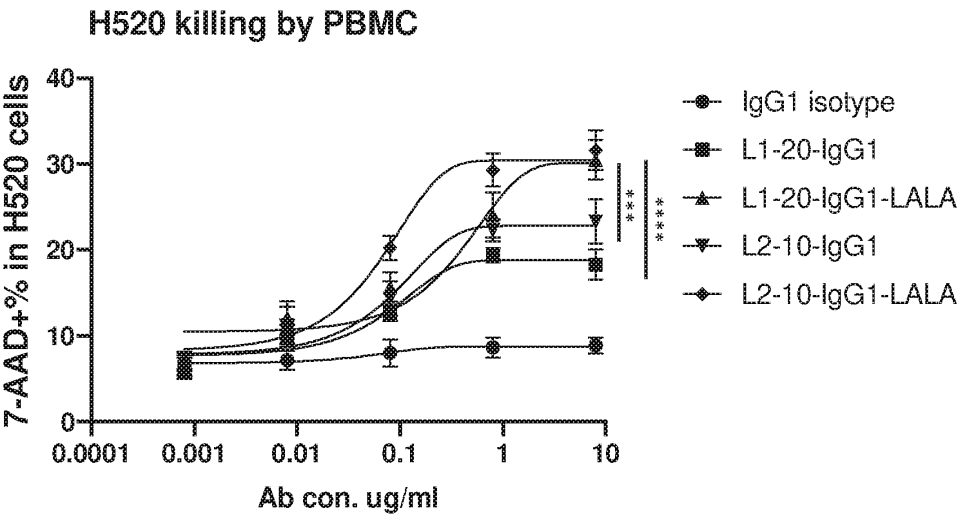


FIG. 43A

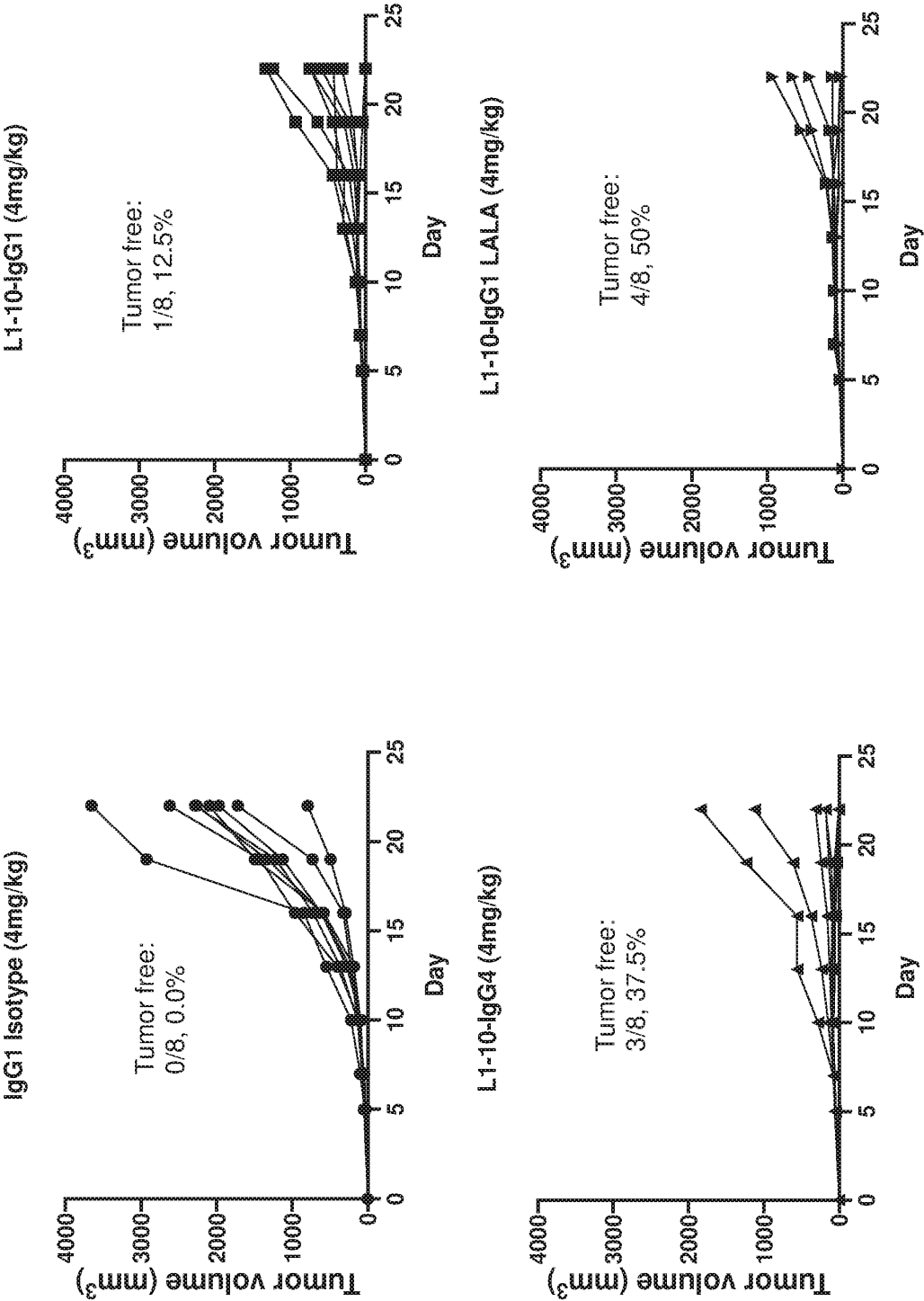


FIG. 43B

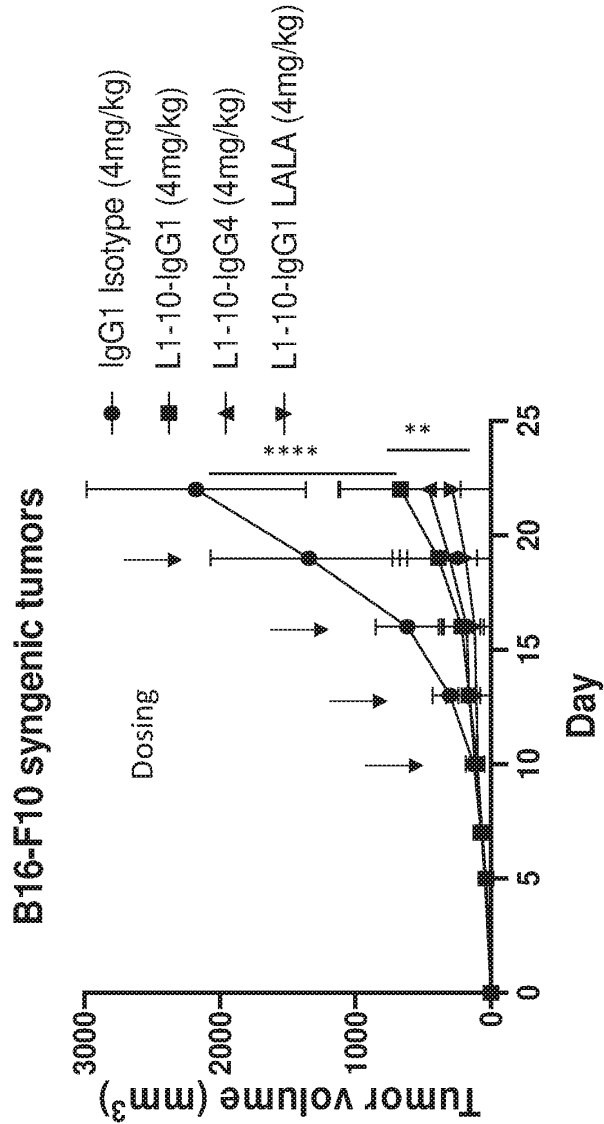


FIG. 44

