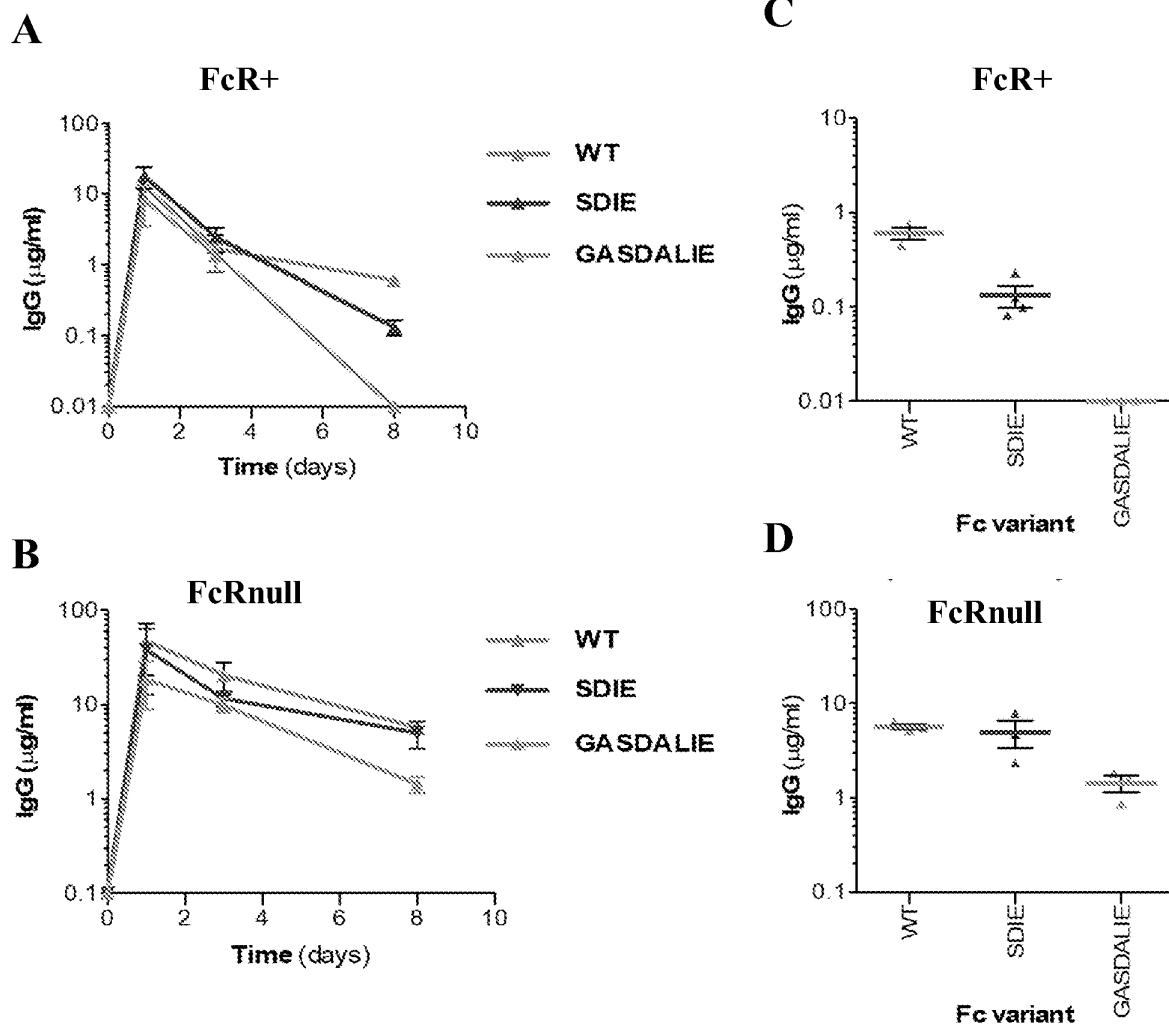
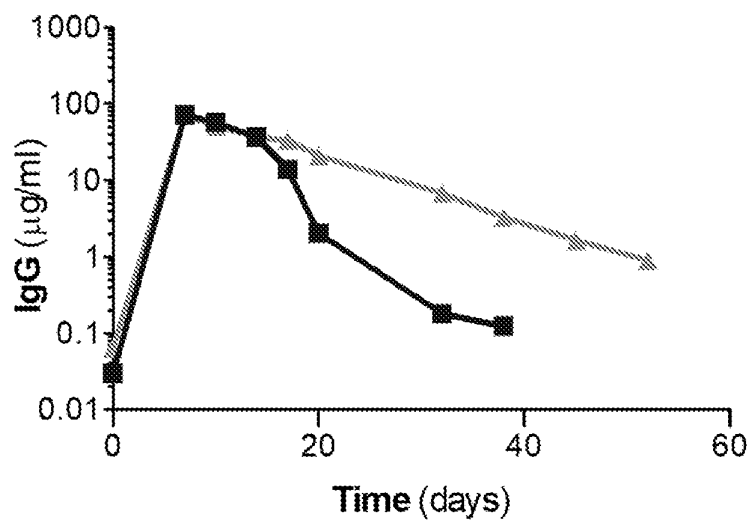


**FIGs. 1A, 1B, 1C, 1D**

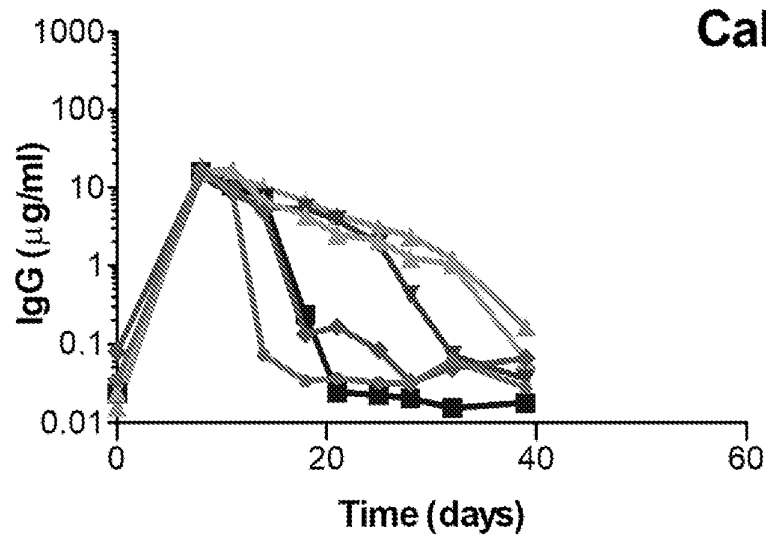
A

WT



B

GASDALIE LS



FIGs. 2A, 2B

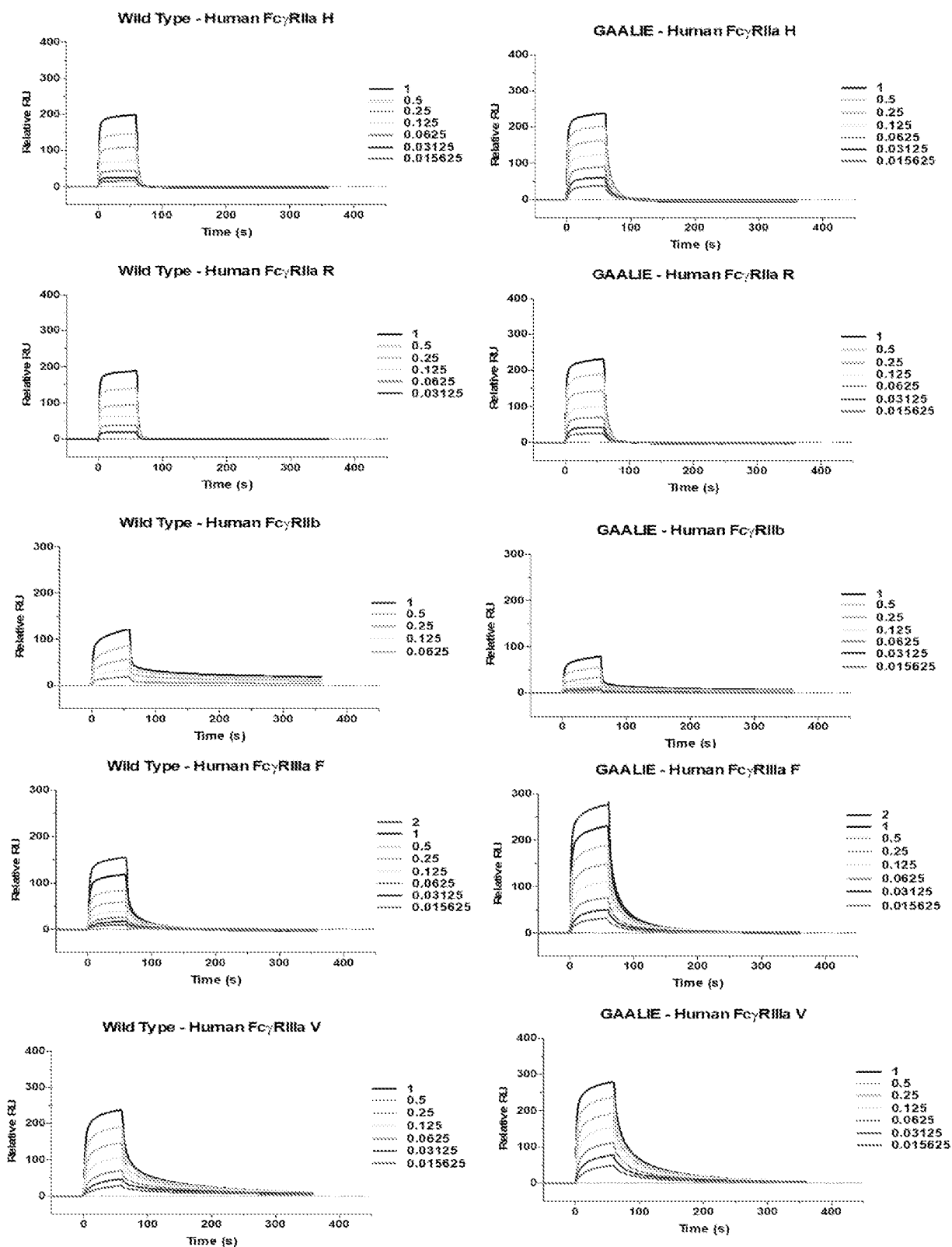
A

	FcγRIIa H	FcγRIIa R	FcγRIIb	FcγRIIIa F	FcγRIIIa V
Wild Type	3.14×10^{-6}	2.91×10^{-6}	6.21×10^{-6}	1.43×10^{-6}	5.21×10^{-7}
SDIE	7.69×10^{-7}	3.54×10^{-7}	6.65×10^{-7}	4.75×10^{-8}	2.96×10^{-8}
GAIE	2.49×10^{-7}	2.04×10^{-7}	1.44×10^{-6}	1.62×10^{-7}	1.30×10^{-7}
GAALIE	6.22×10^{-7}	8.19×10^{-7}	1.96×10^{-5}	1.64×10^{-7}	1.31×10^{-7}
Afucosylated	3.13×10^{-6}	2.51×10^{-6}	5.88×10^{-6}	1.21×10^{-7}	1.22×10^{-7}

B

	FcγRIIa H	FcγRIIa R	FcγRIIb	FcγRIIIa F	FcγRIIIa V
Wild Type	1.0	1.0	1.0	1.0	1.0
SDIE	4.1	8.2	9.3	30.1	17.6
GAIE	12.6	14.3	4.3	8.8	4.0
GAALIE	5.0	3.6	0.3	8.7	4.0
Afucosylated	1.0	1.2	1.1	11.8	4.3

FIGs. 3A, 3B

**FIG. 4**

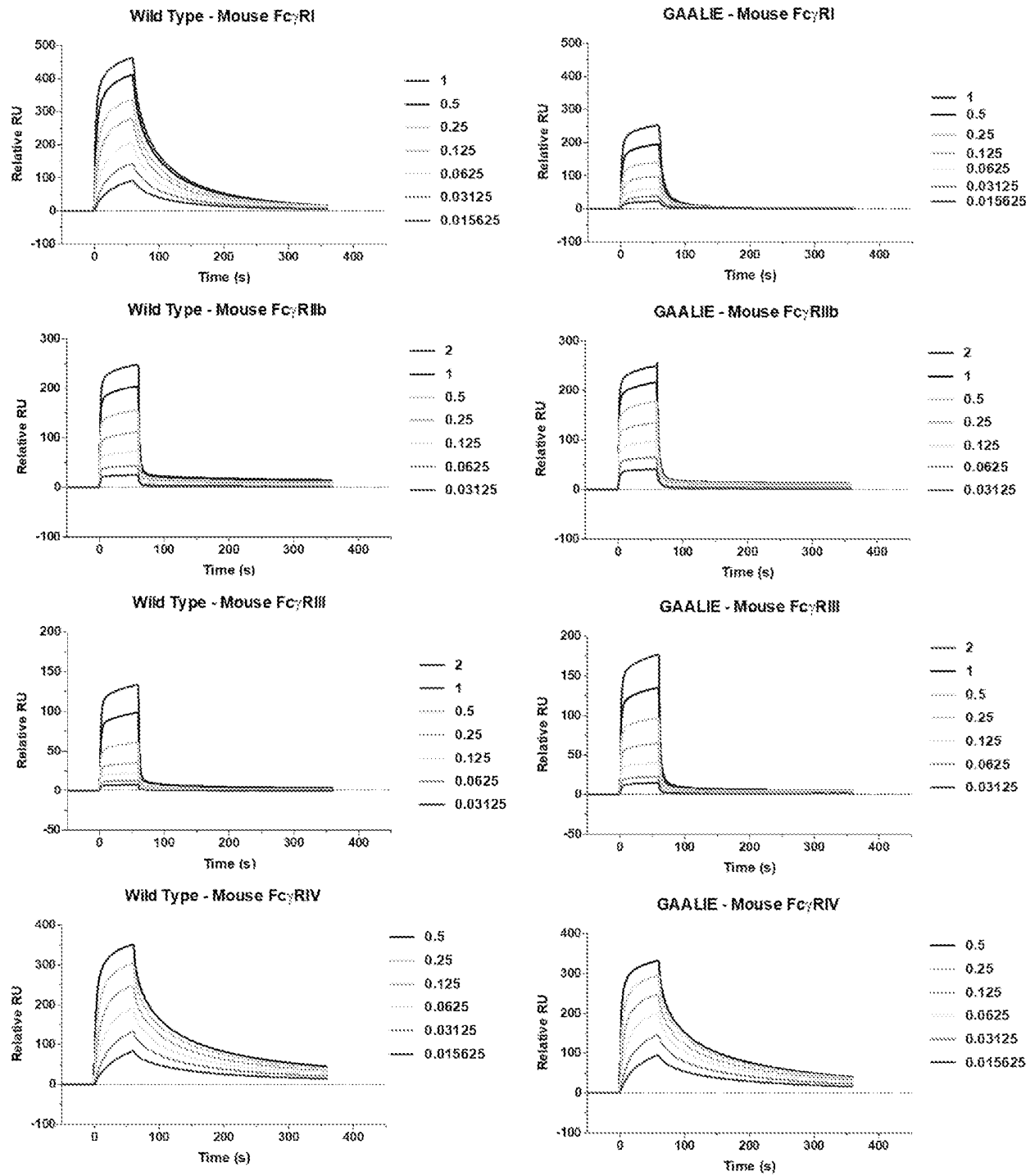
A

	FcγRI	FcγRIIb	FcγRIII	FcγRIV
Wild Type	1.15×10^{-7}	2.41×10^{-6}	5.67×10^{-6}	2.31×10^{-7}
SDIE	1.41×10^{-8}	3.98×10^{-7}	1.08×10^{-6}	8.56×10^{-9}
GAIE	2.12×10^{-7}	1.15×10^{-6}	2.52×10^{-6}	2.58×10^{-7}
GAALIE	4.40×10^{-7}	1.62×10^{-6}	2.38×10^{-6}	2.07×10^{-7}
Afucosylated	9.70×10^{-8}	2.40×10^{-6}	6.43×10^{-6}	1.62×10^{-7}

B

	FcγRI	FcγRIIb	FcγRIII	FcγRIV
Wild Type	1.0	1.0	1.0	1.0
SDIE	8.2	6.1	5.3	27.0
GAIE	0.5	2.1	2.3	0.9
GAALIE	0.3	1.5	2.4	1.1
Afucosylated	1.2	1.0	0.9	1.4

FIGs. 5A, 5B

**FIG. 6**

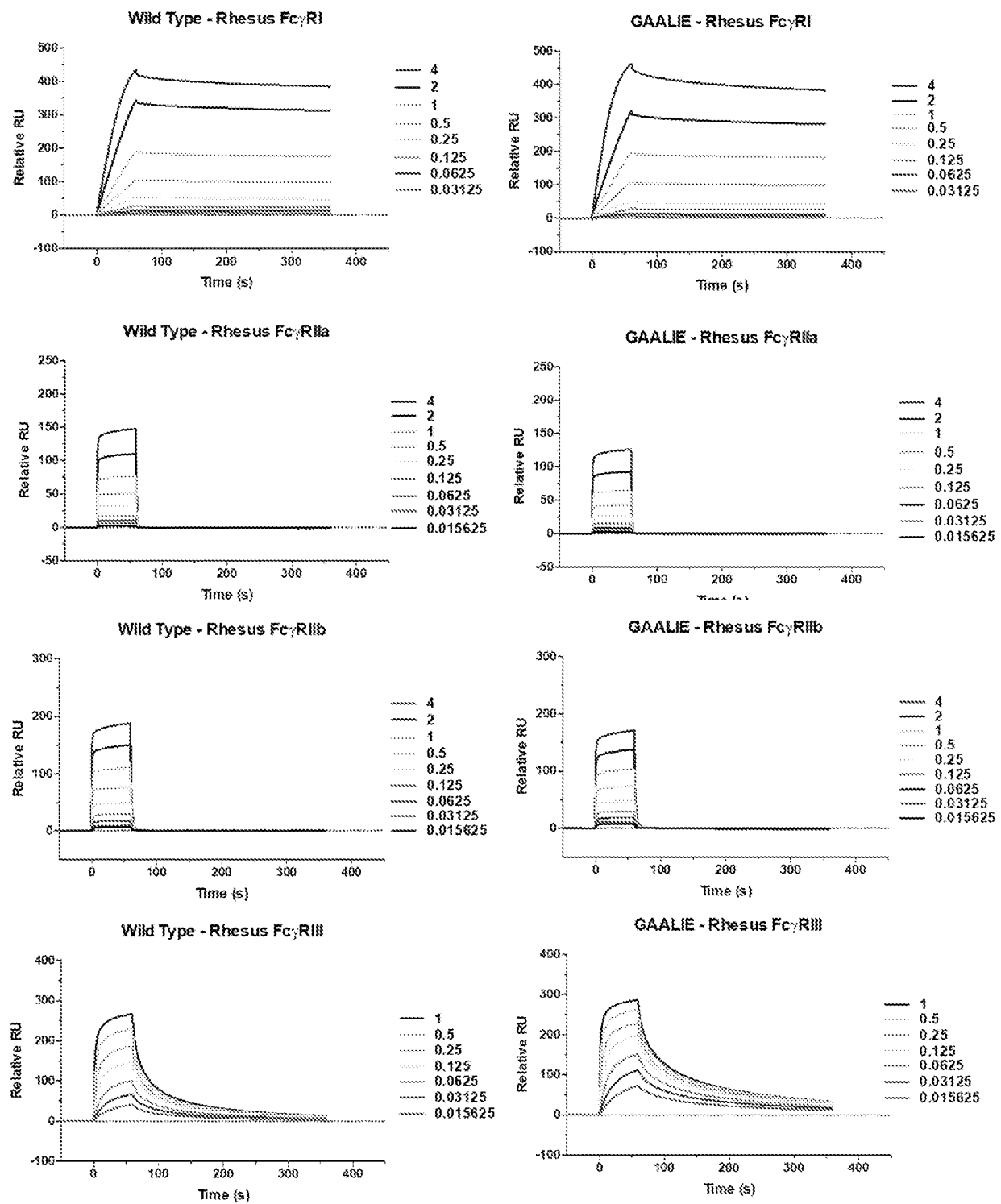
A

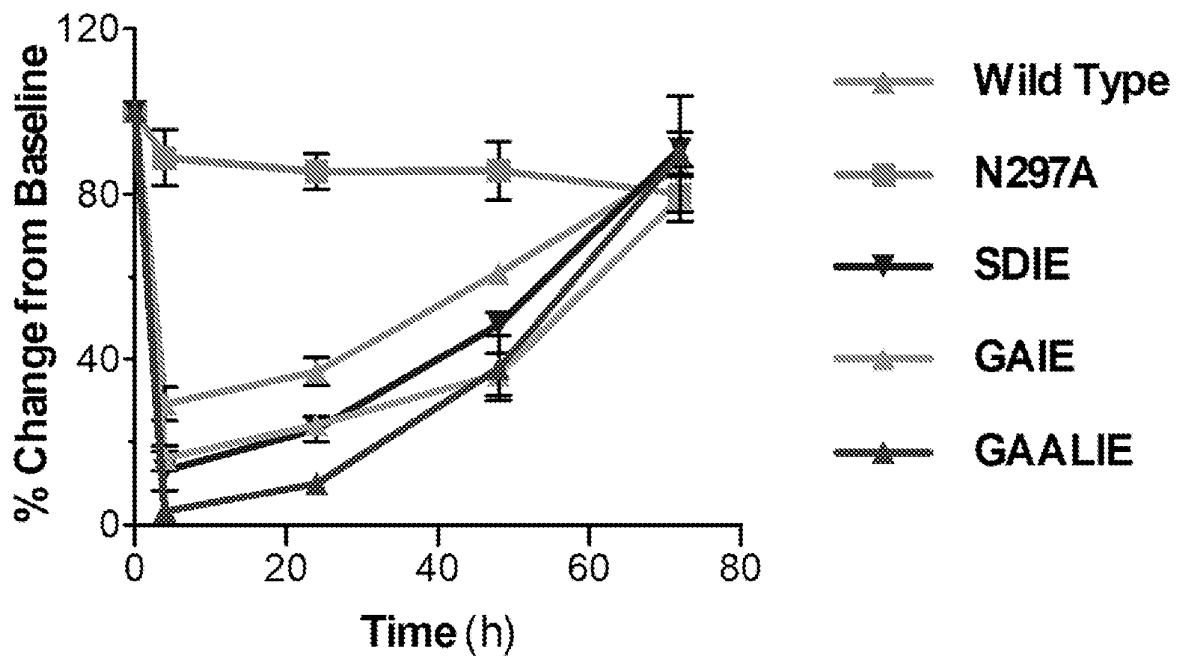
	FcγRI	FcγRIIa	FcγRIIb	FcγRIII
Wild Type	4.84×10^{-10}	8.27×10^{-6}	7.94×10^{-6}	4.90×10^{-7}
SDIE	4.41×10^{-10}	6.85×10^{-7}	5.40×10^{-7}	3.00×10^{-8}
GAIE	5.10×10^{-10}	1.40×10^{-6}	1.10×10^{-6}	8.76×10^{-8}
GAALIE	4.57×10^{-10}	9.10×10^{-6}	6.92×10^{-6}	9.12×10^{-8}
Afucosylated	4.07×10^{-10}	8.45×10^{-6}	8.05×10^{-6}	9.76×10^{-8}

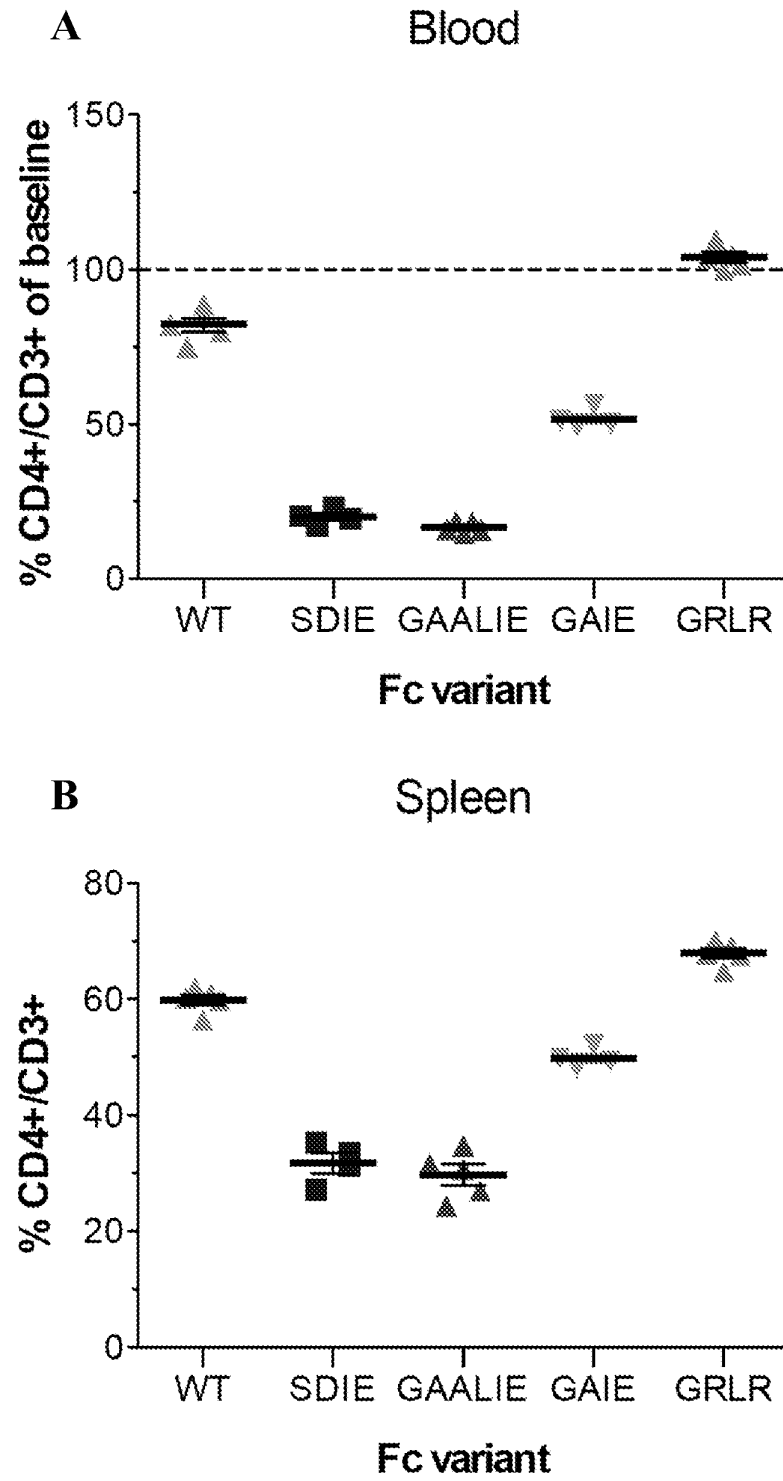
B

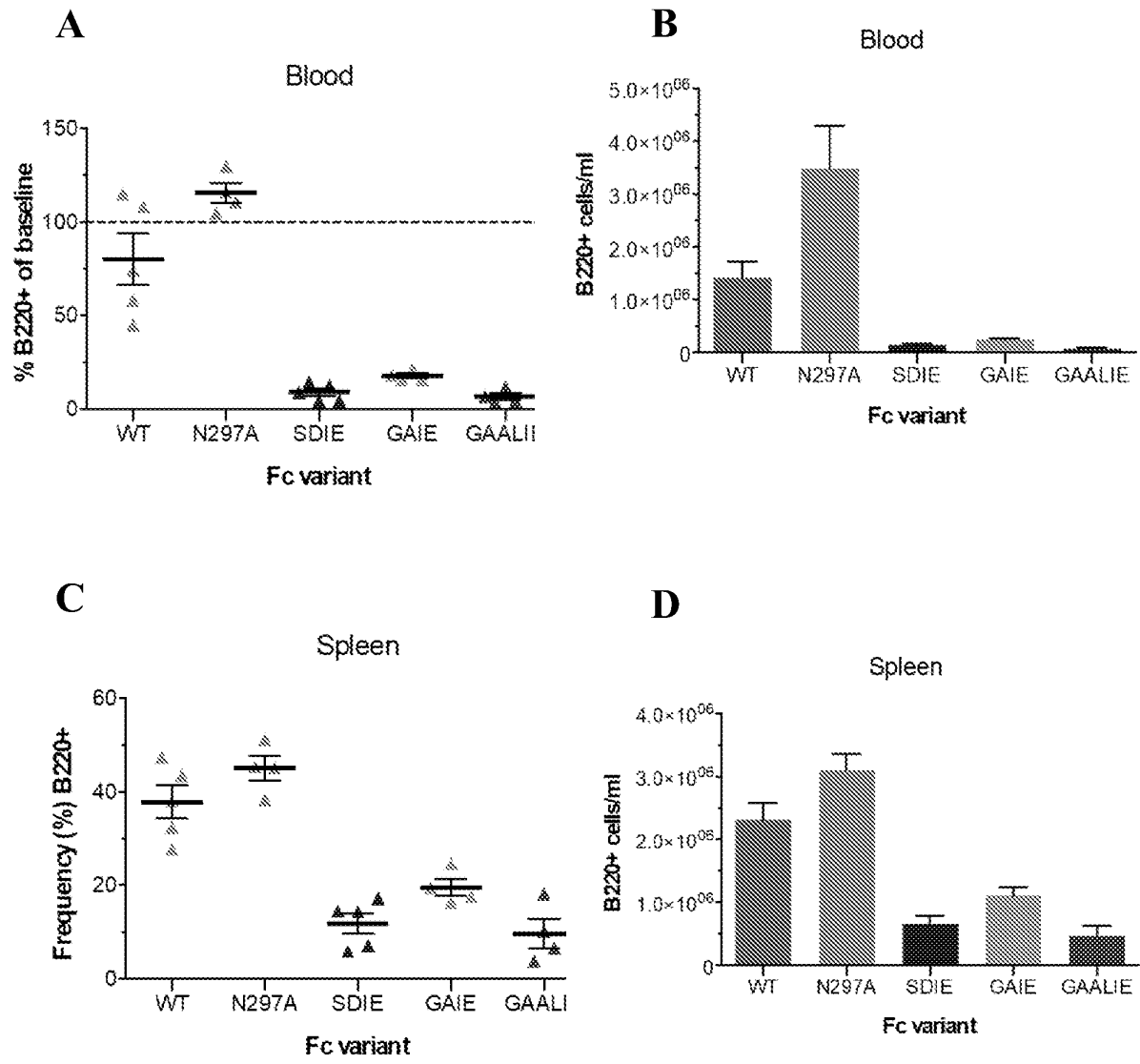
	FcγRI	FcγRIIa	FcγRIIb	FcγRIII
Wild Type	1.0	1.0	1.0	1.0
SDIE	1.1	12.1	14.7	16.3
GAIE	0.9	5.9	7.2	5.6
GAALIE	1.1	0.9	1.1	5.4
Afucosylated	1.2	1.0	1.0	5.0

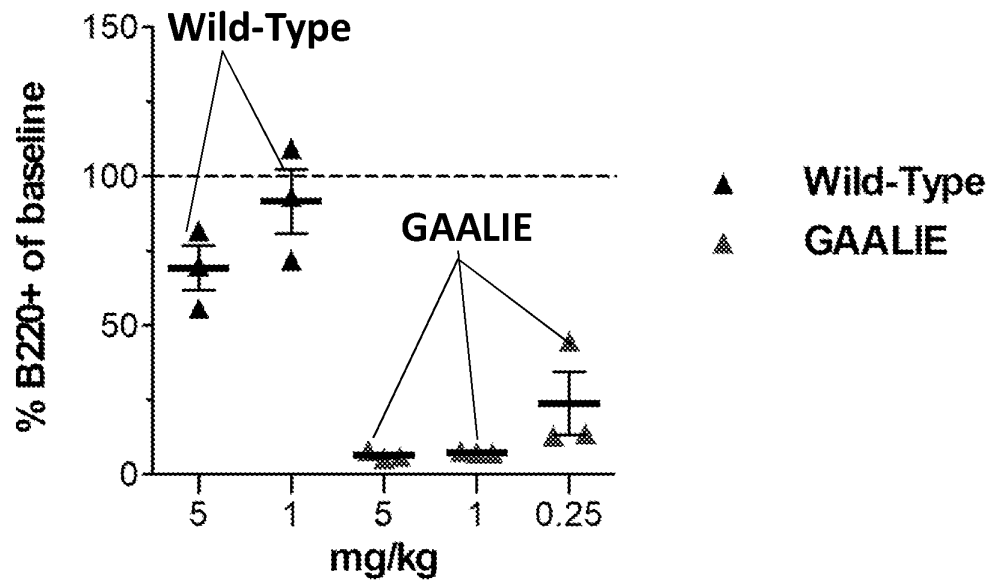
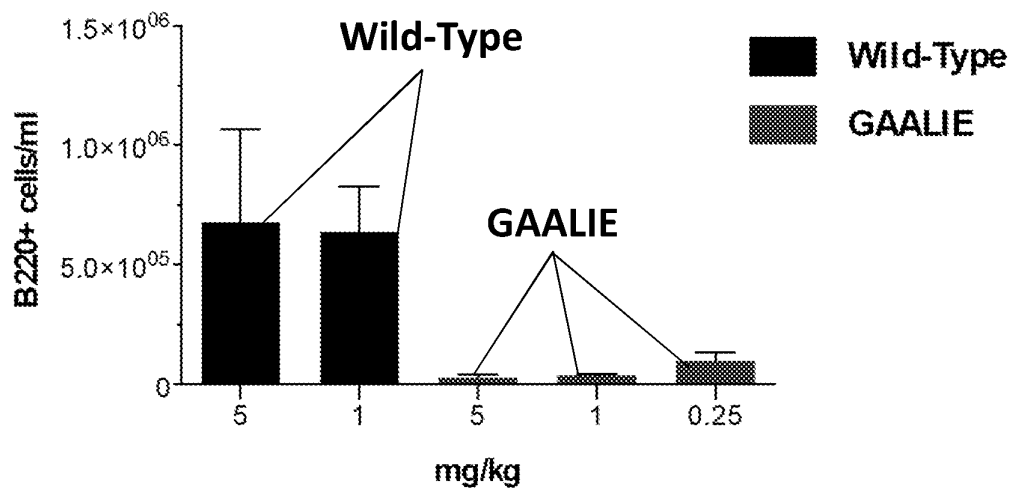
FIGs. 7A, 7B

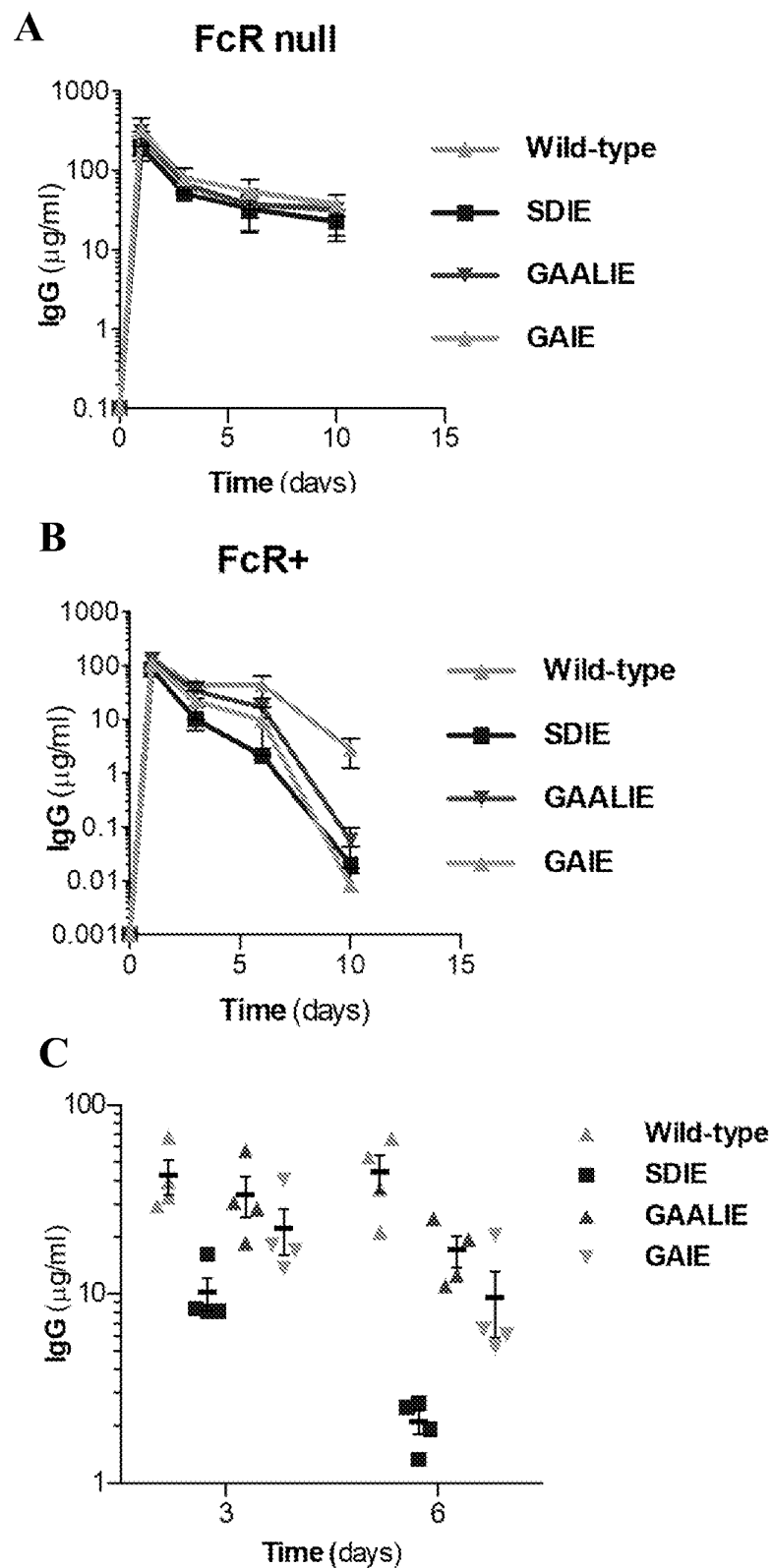
**FIG. 8**

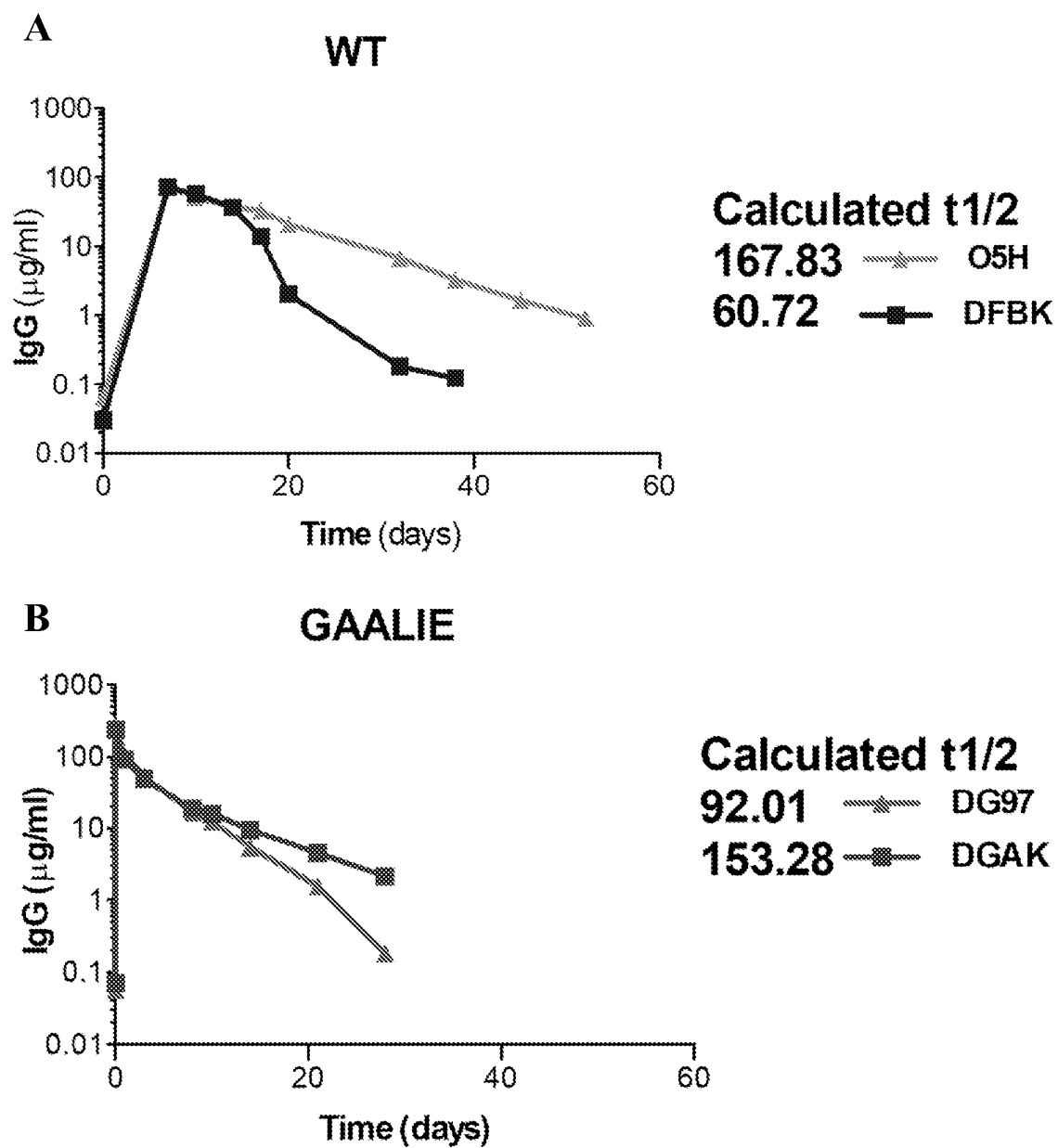
**FIG. 9**

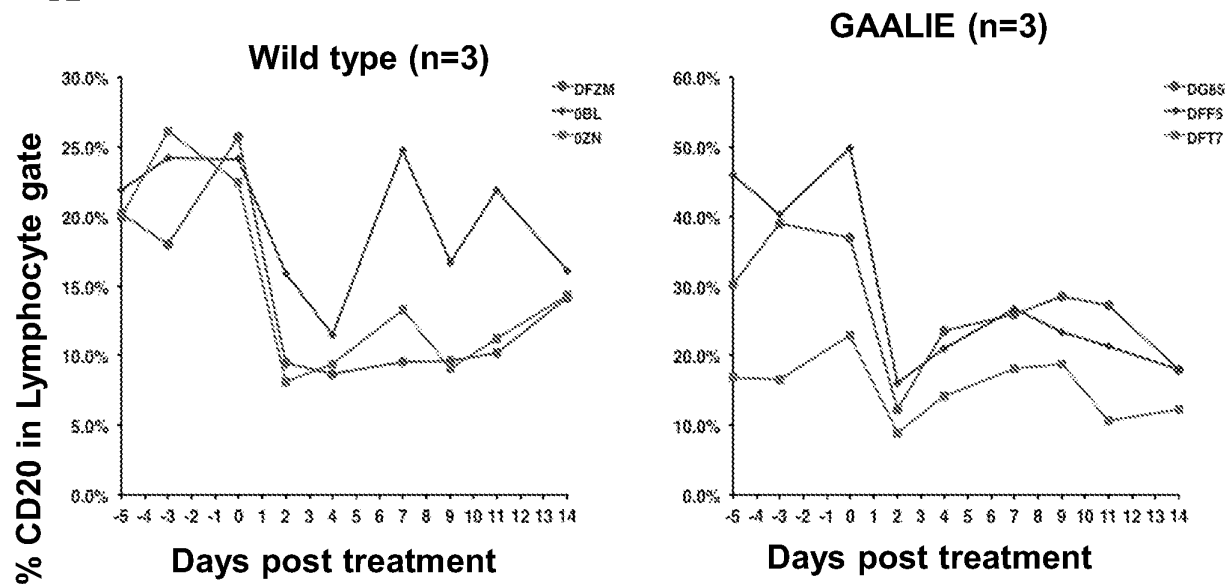
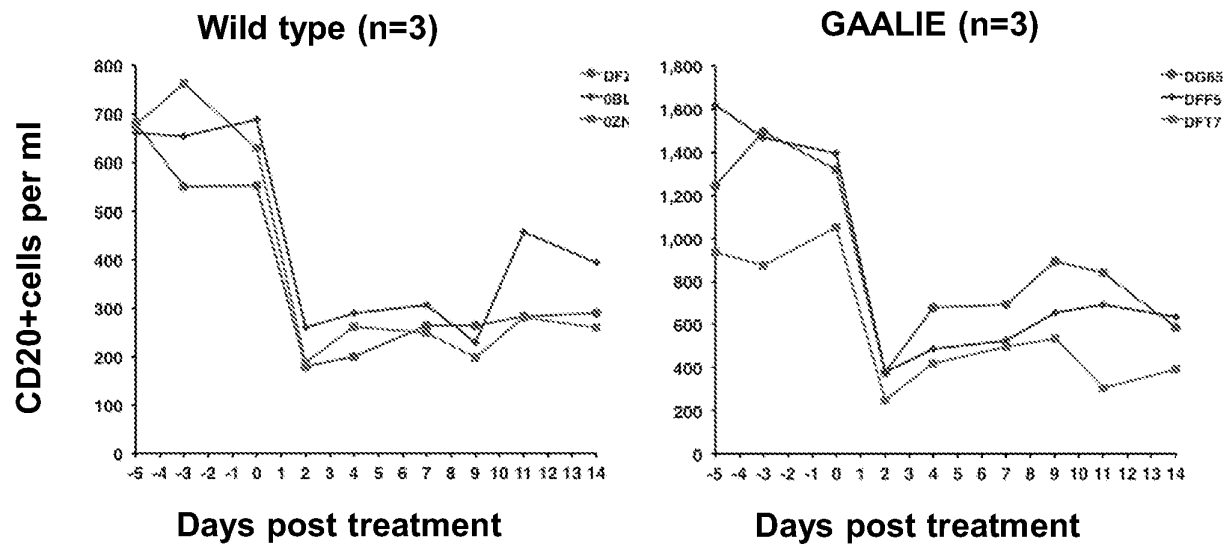
**FIGs. 10A, 10B**

**FIGs. 11A, 11B, 11C, 11D**

A**B****FIGs. 12A, 12B**

**FIGs. 13A, 13B, 13C**

**FIGs. 14A, 14B**

A**B****FIGs. 15A, 15B**

Wild-type (SEQ ID NO: 1)

ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSG
VHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRV
EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVTV
DVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLH
QDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEM
TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLY
SKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

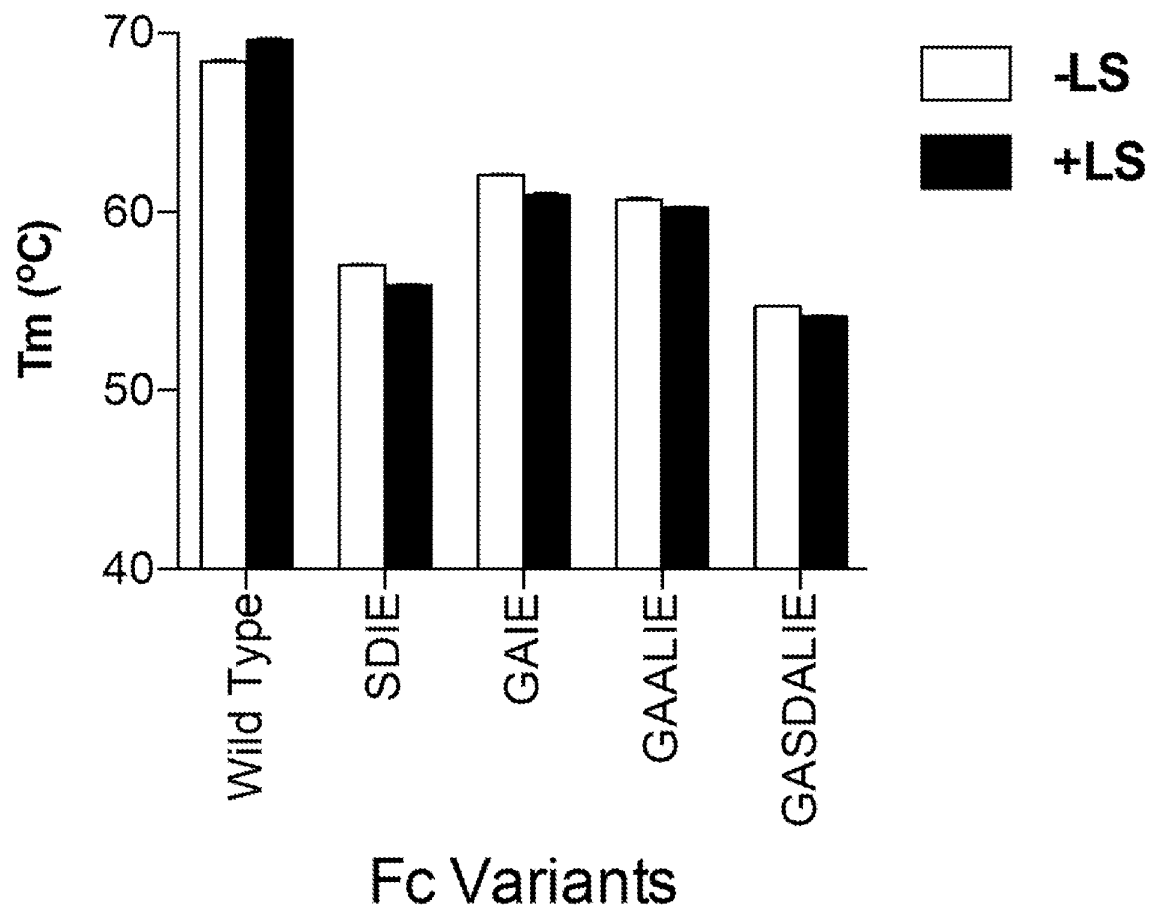
GAALIE (G236A/A330L/I332E) (SEQ ID NO: 2)

ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTS
GVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDK
RVEPKSCDKTHTCPPCPAPELLAGPSVFLFPPKPKDTLMISRTPEVTCV
VVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT
VLHQDWLNGKEYKCKVSNKALPLPEEKTISKAKGQPREPQVYTLPPS
REEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSD
GSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

GAALIE/LS (G236A/A330L/I332E/M428L/N434S) (SEQ ID NO: 3)

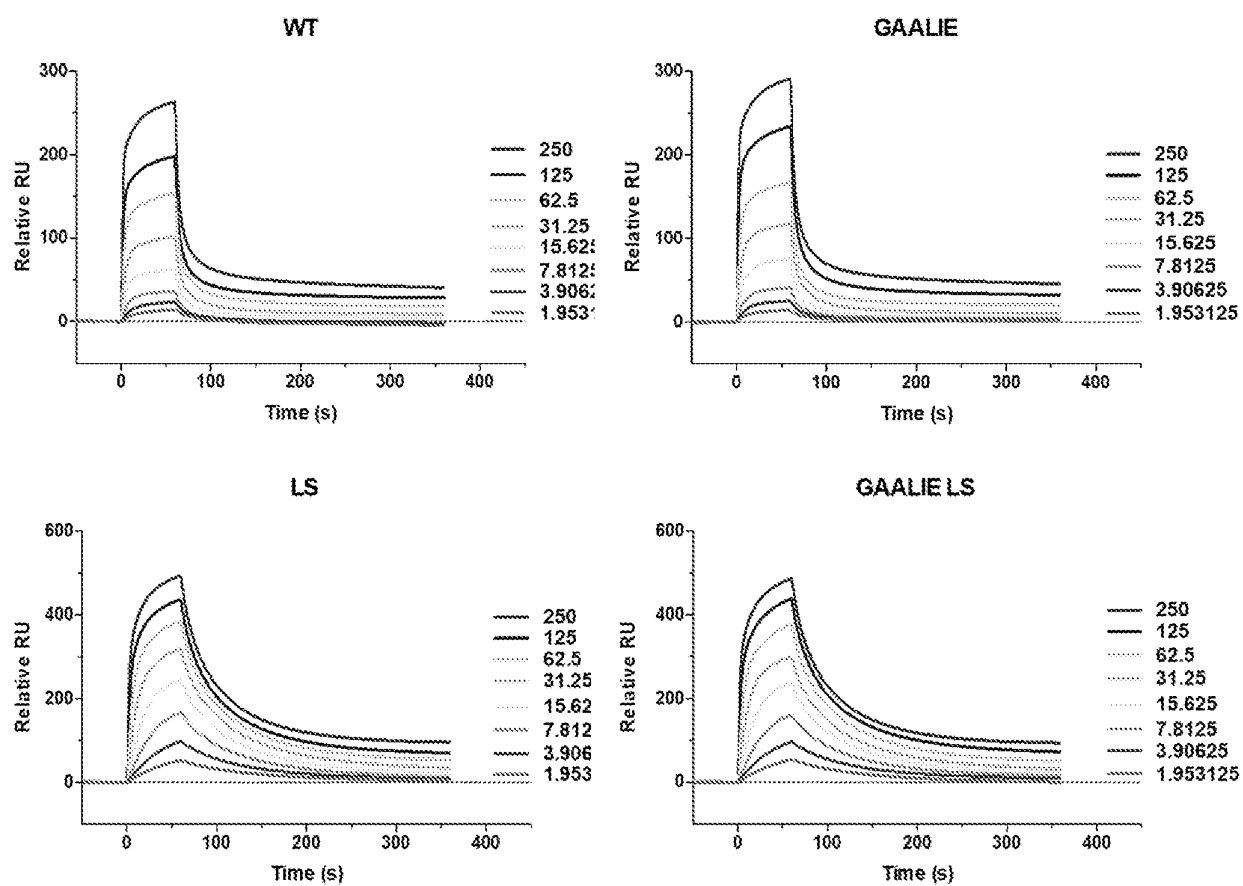
ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSG
VHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVE
PKSCDKTHTCPPCPAPELLAGPSVFLFPPKPKDTLMISRTPEVTCVVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD
WLNGKEYKCKVSNKALPLPEEKTISKAKGQPREPQVYTLPPSREEMTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK
LTVDKSRWQQGNVFSCSVLHEALHSHYTQKSLSLSPGK

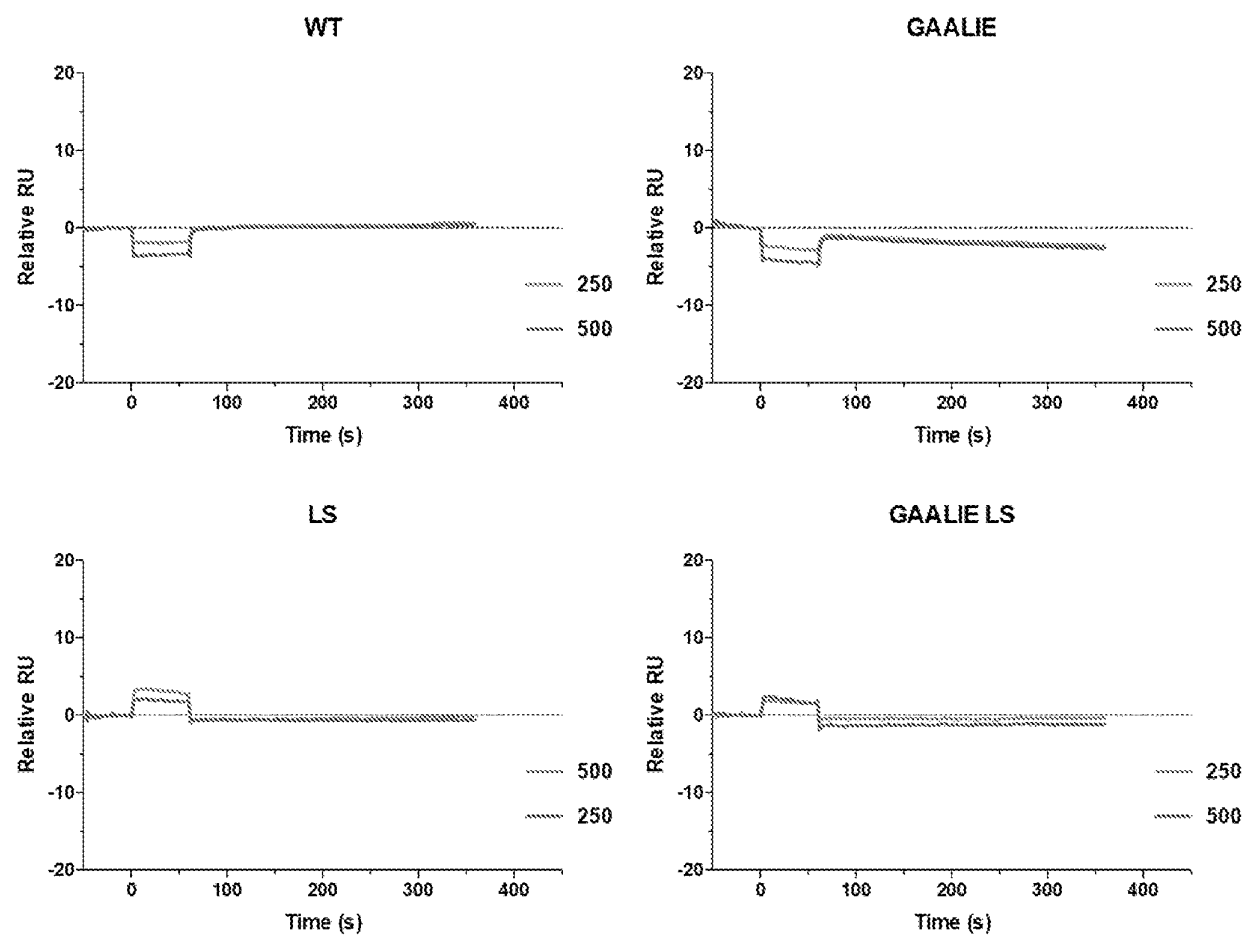
FIG. 16

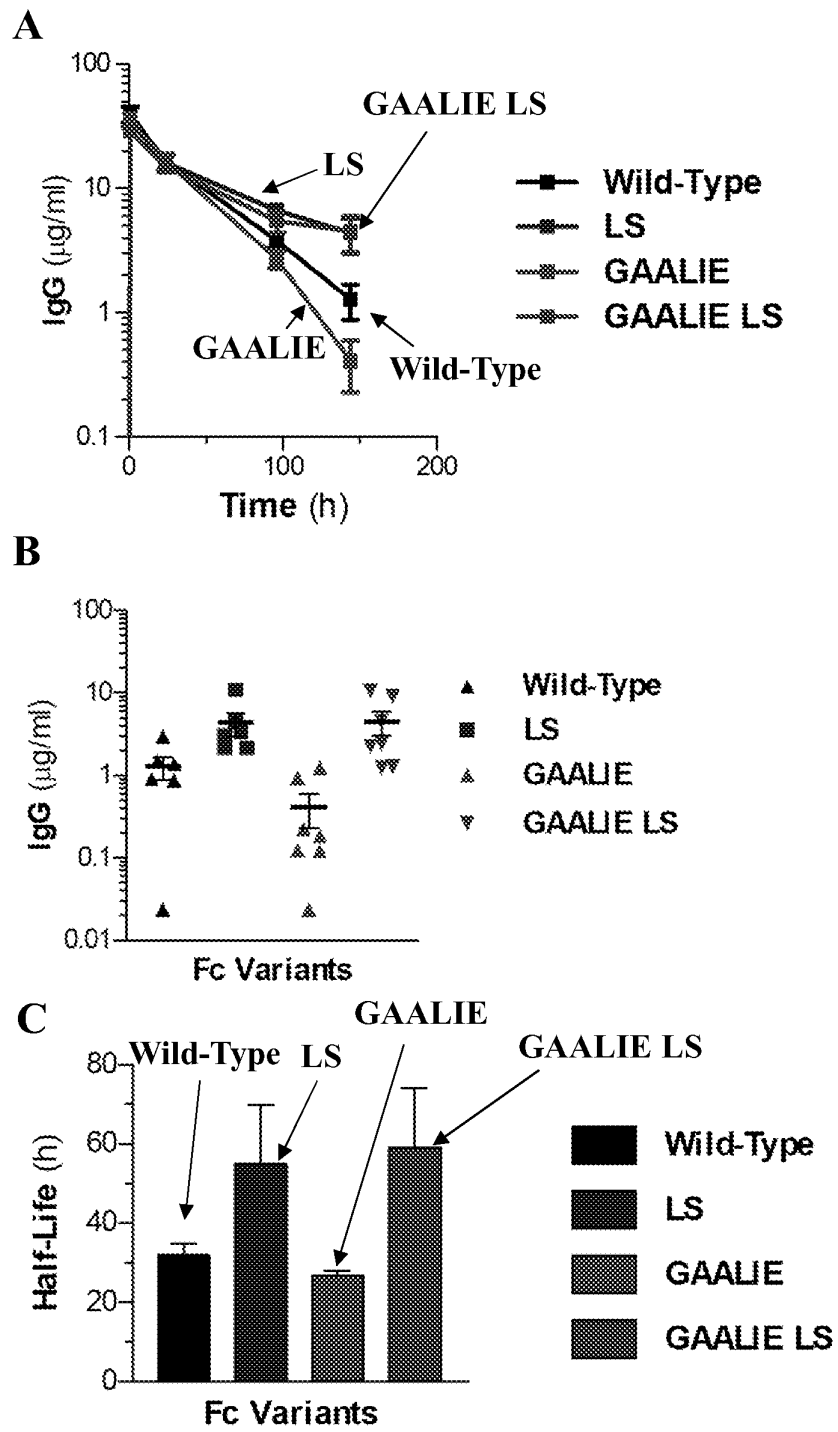
**FIG. 17**

	LS-	LS+	Fold
Wild Type	2.20×10^{-8}	1.66×10^{-9}	13.3
SDIE	1.27×10^{-8}	1.19×10^{-9}	10.7
GAIE	2.01×10^{-8}	1.99×10^{-9}	10.1
GAALIE	1.99×10^{-8}	1.40×10^{-9}	14.2

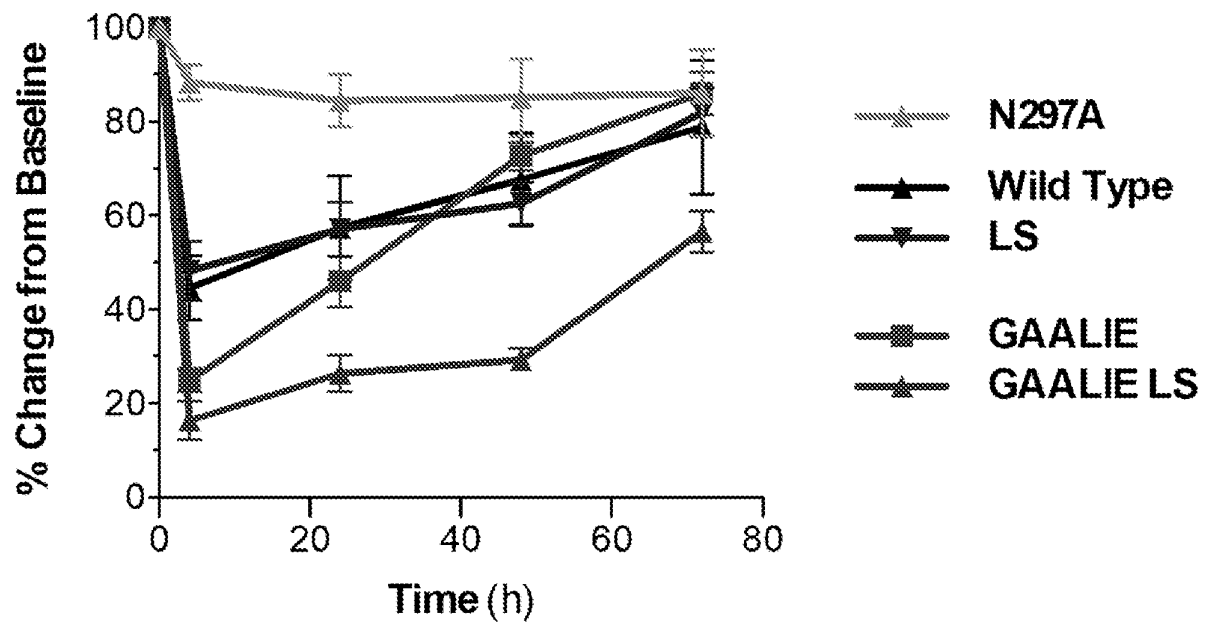
FIG. 18

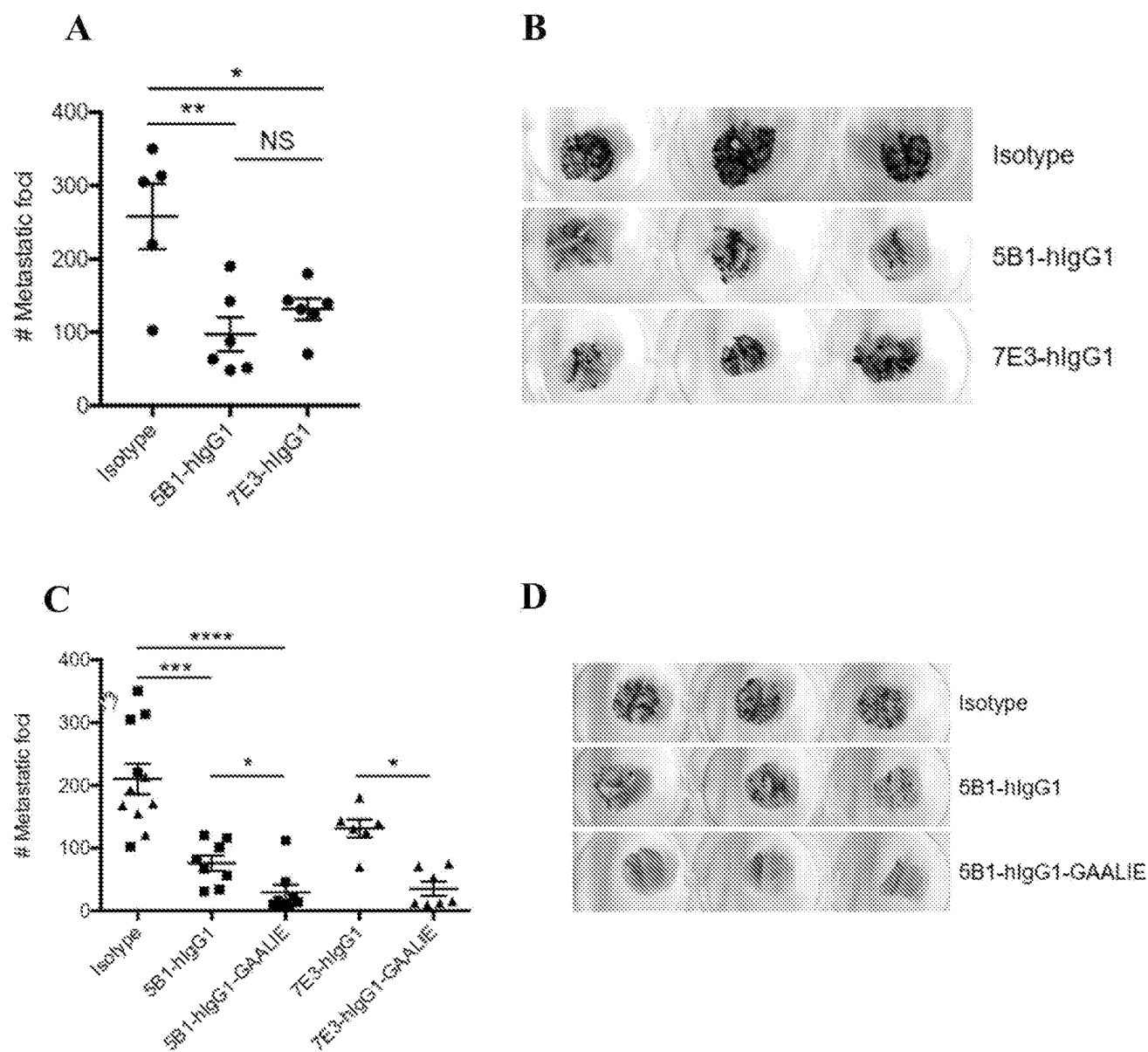
**FIG. 19**

**FIG. 20**



FIGs. 21A, 21B, 21C

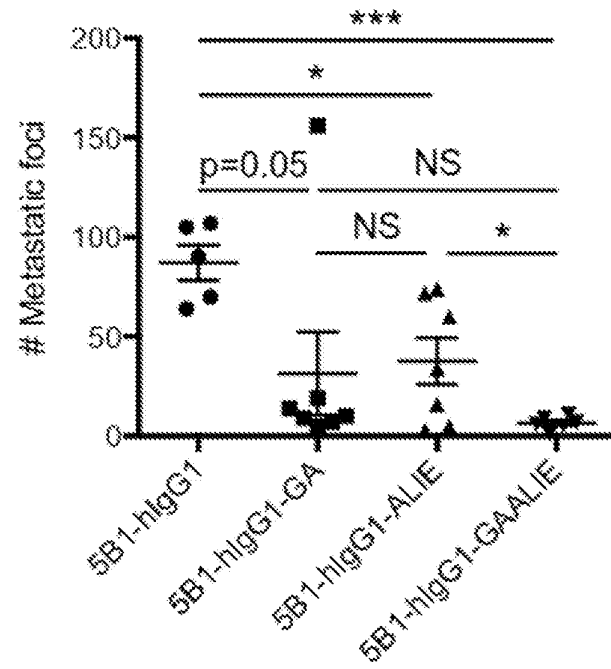
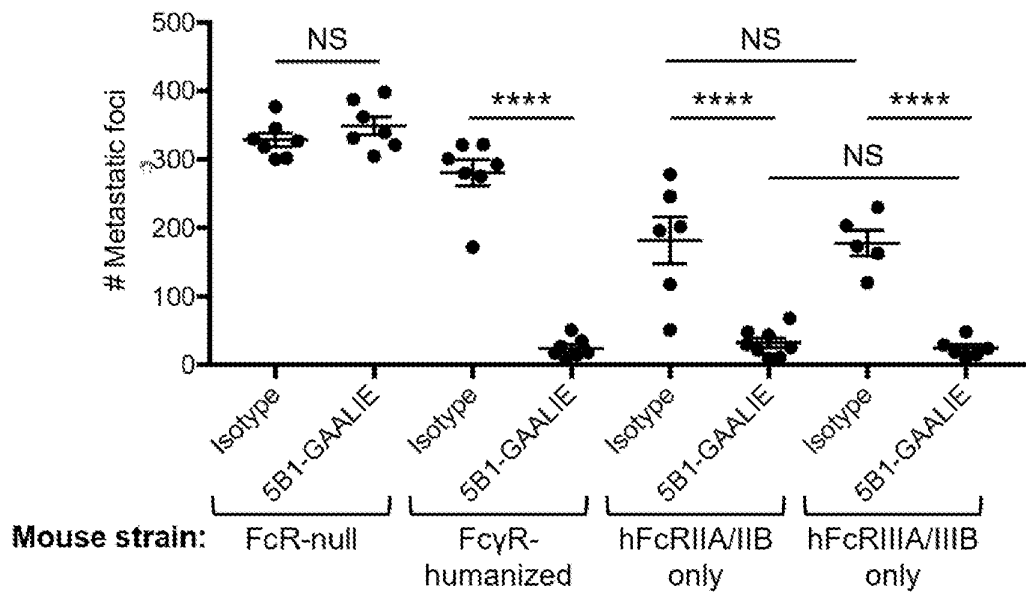
**FIG. 22**



FIGs. 23A, 23B, 23C, 23D

A

Fc Variant	hFcγRIIA	hFcγRIIIA
hIgG1 (WT)	+	+
GA	+++	+
ALIE	+	+++
GAALIE	+++	+++

B**C****FIGs. 24A, 24B, 24C**