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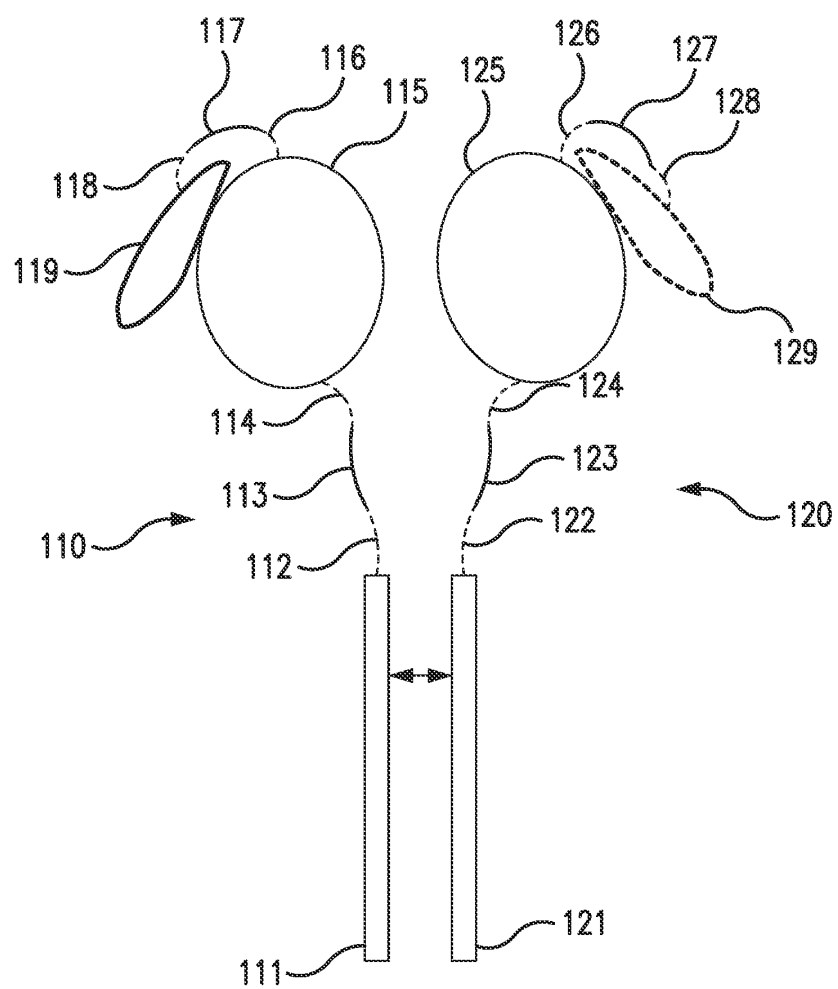


FIG. 1

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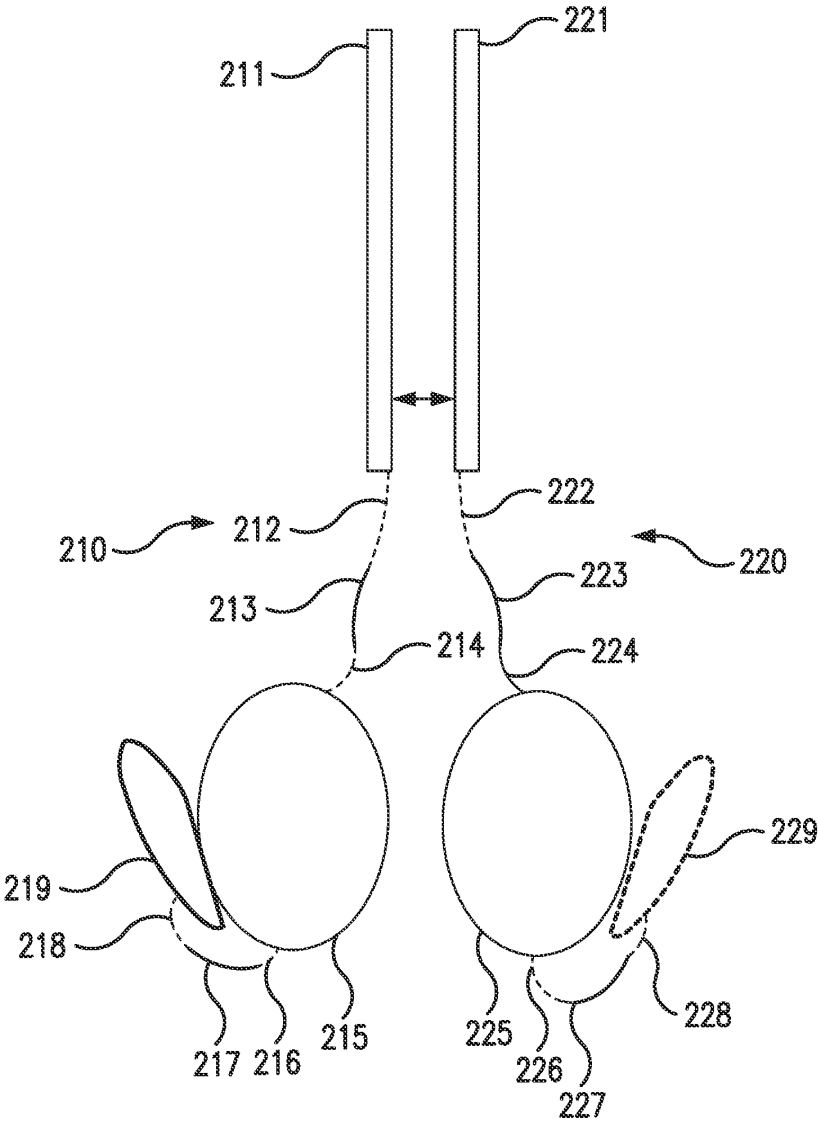


FIG. 2

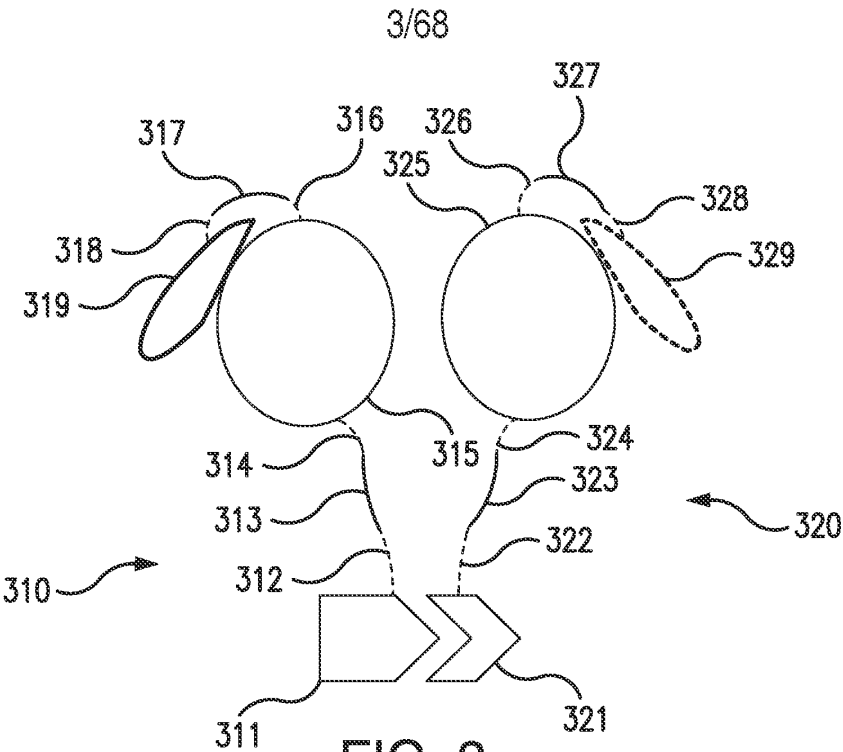


FIG. 3

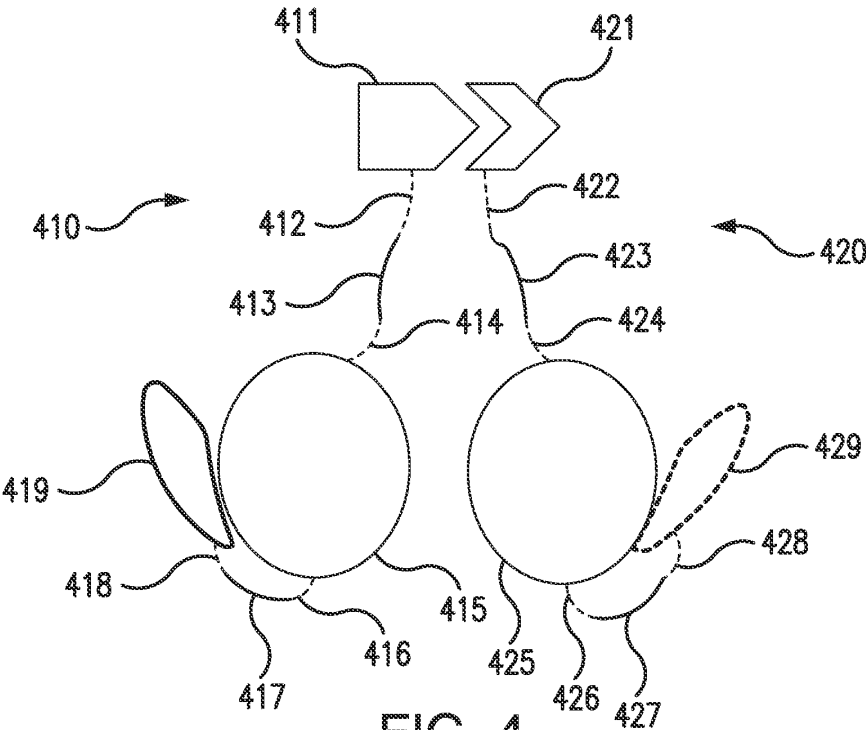


FIG. 4

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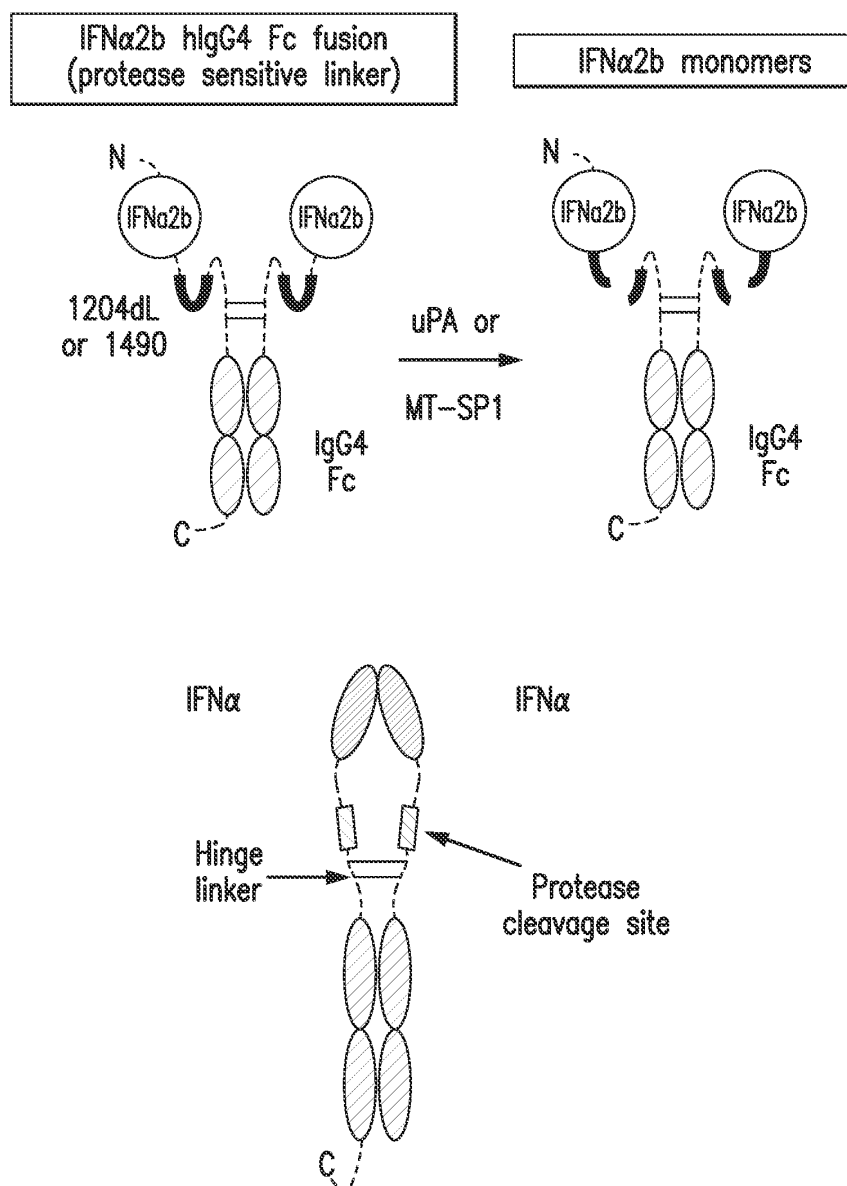


FIG. 5

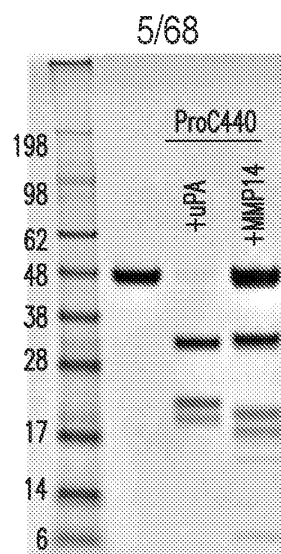


FIG. 6A

ProC440 LC-MS data:

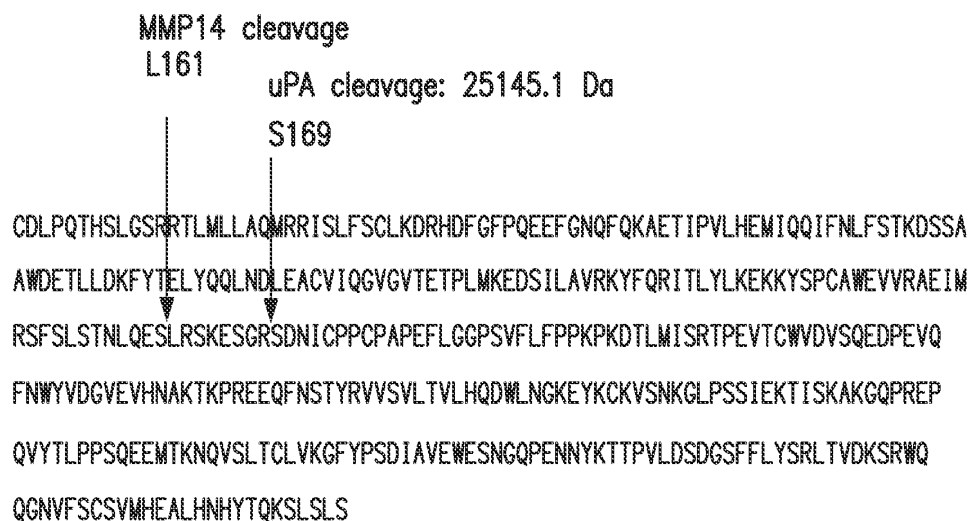
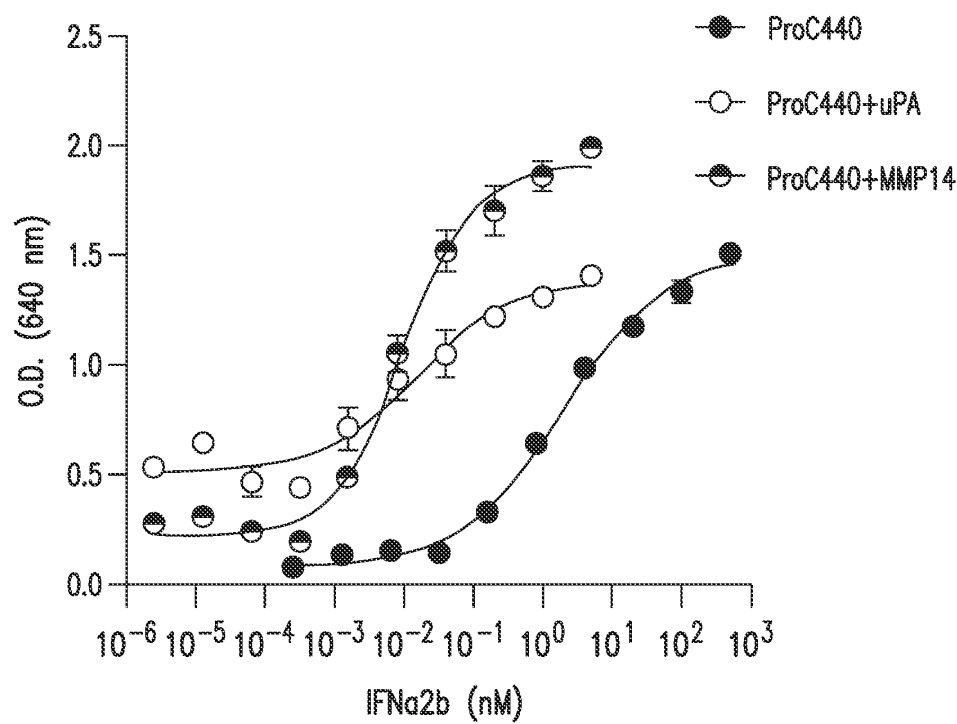


FIG. 6B

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	ProC440	ProC440+uPA	ProC440+MMP14
EC50	1.861	0.01503	0.009833

FIG. 6C

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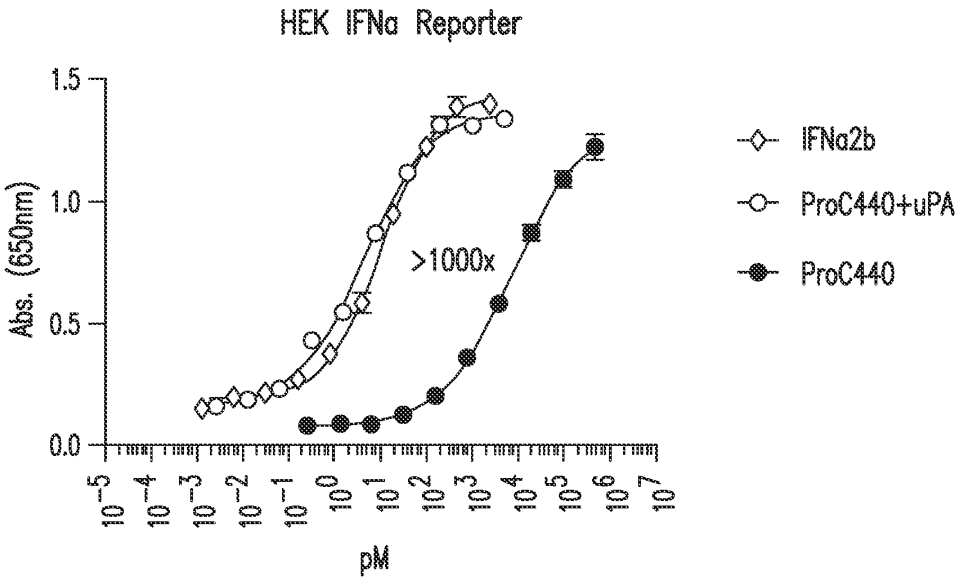


FIG. 7A

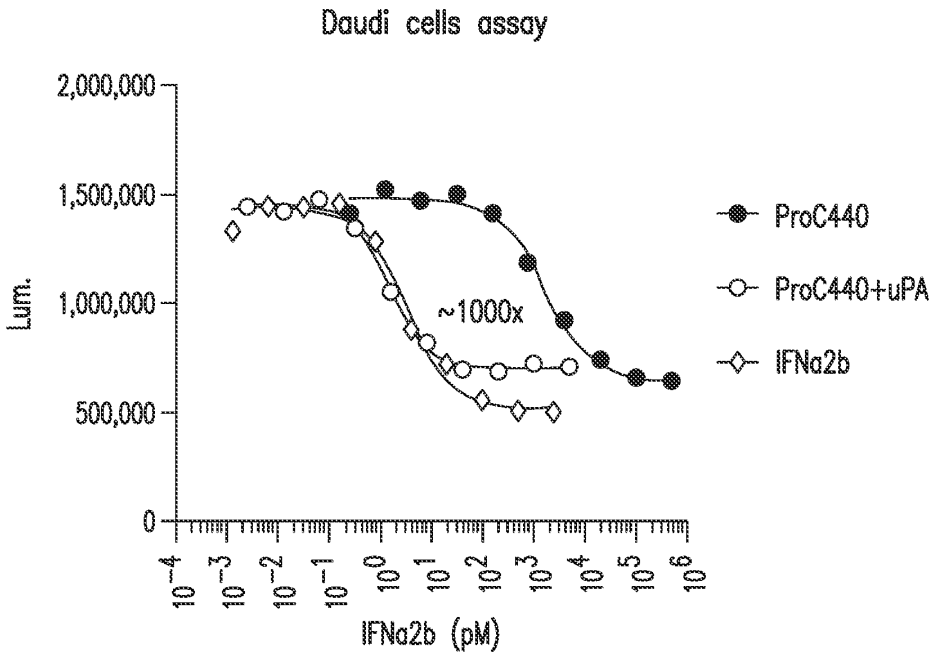


FIG. 7B

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METDTLLLWVLLLWVPGSTG

QSGQTDVDYYREWSWTQVSGSSGGS**LSGRSDNI**GSGGSCDLPQTHSLG
SRRTLMLLAQMRRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHE
MIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQQLNDLEACVIQGVGVT
ETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSL
TNLQESLRSKE**LSGRSDNI**CPPCPAPEFLGGPSVFLFPPKPKDTLMIS
RTPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRV
VSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVY
TLPDSQEEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVL
DSDGSEFLYSRLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLS

(ProC732)

FIG. 8

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METDTLLLWVLLLWVPGSTG
QSGQTDVDYYREWSWTQVSGSSGGSLSGRSDNIGSGGSCDLPQTHSLG
SRRTLMLLAQMRRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHE
MIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQLNDLEACVIQGVGVT
ETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSL
TNLQESLRSKEESKYGPPCPPCPAPEFLGGPSVFLFPPKPKDTLMISR
TPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRVV
SVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTL
PPSQEEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLD
SDGSFFLYSRLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLS
(ProC733)

FIG. 9

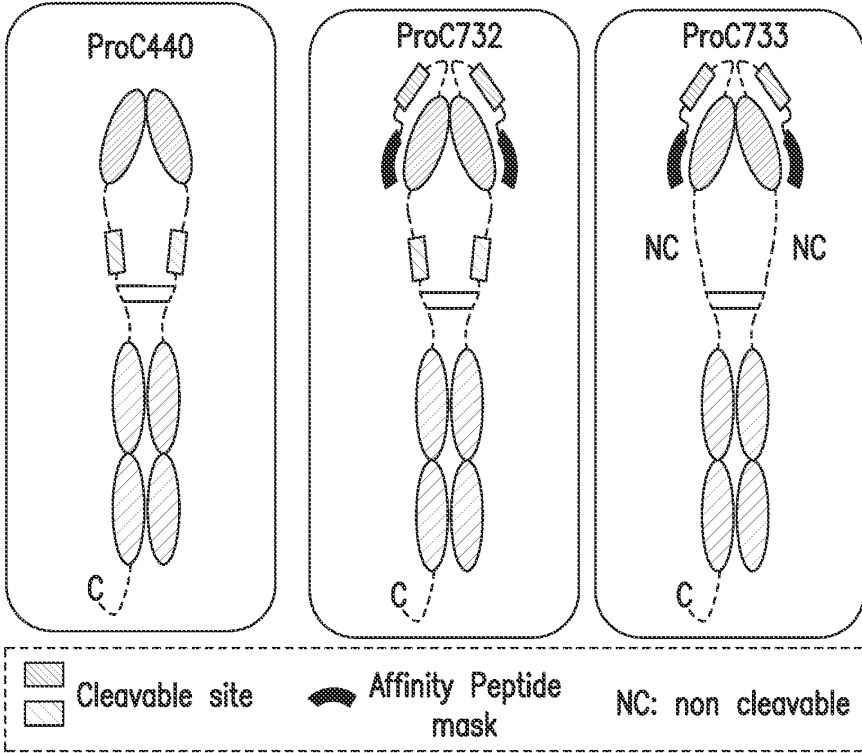


FIG. 10A

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HEK reporter assay

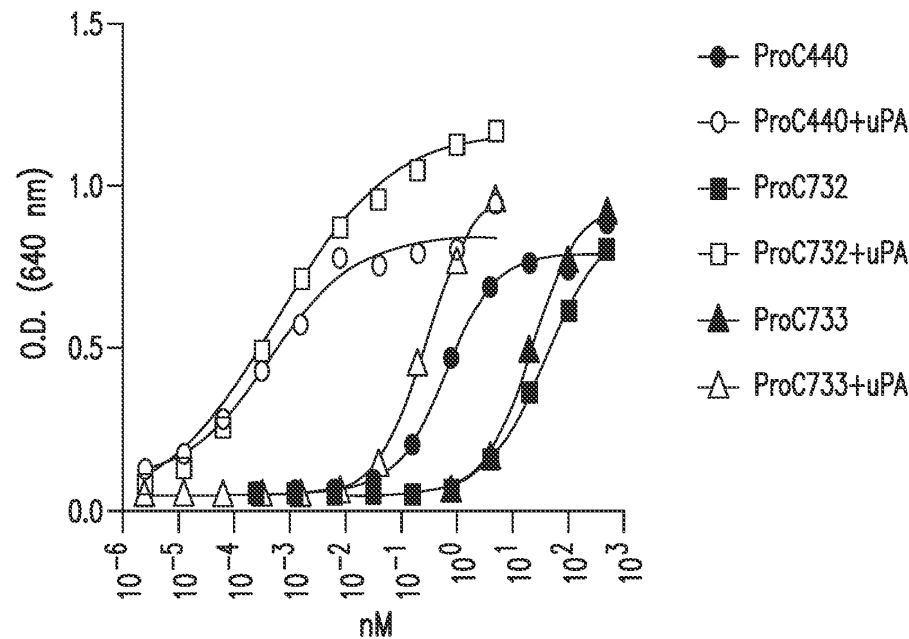


FIG. 10B

Interferon pathway activation

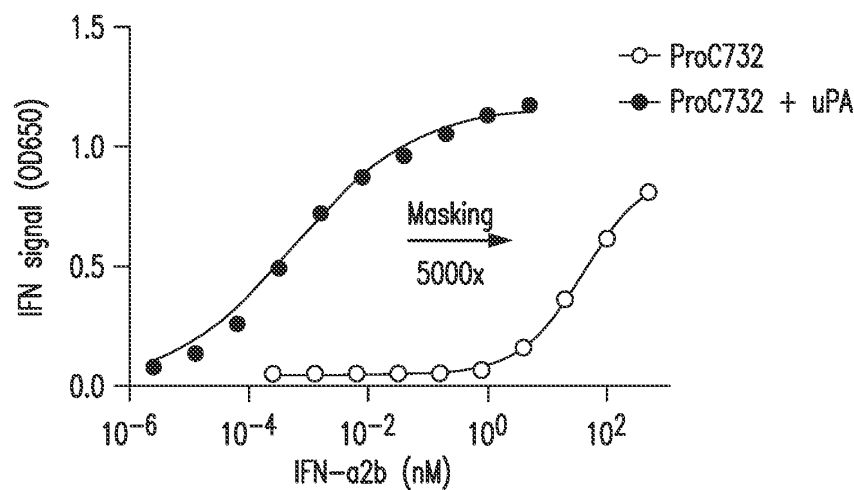


FIG. 10C

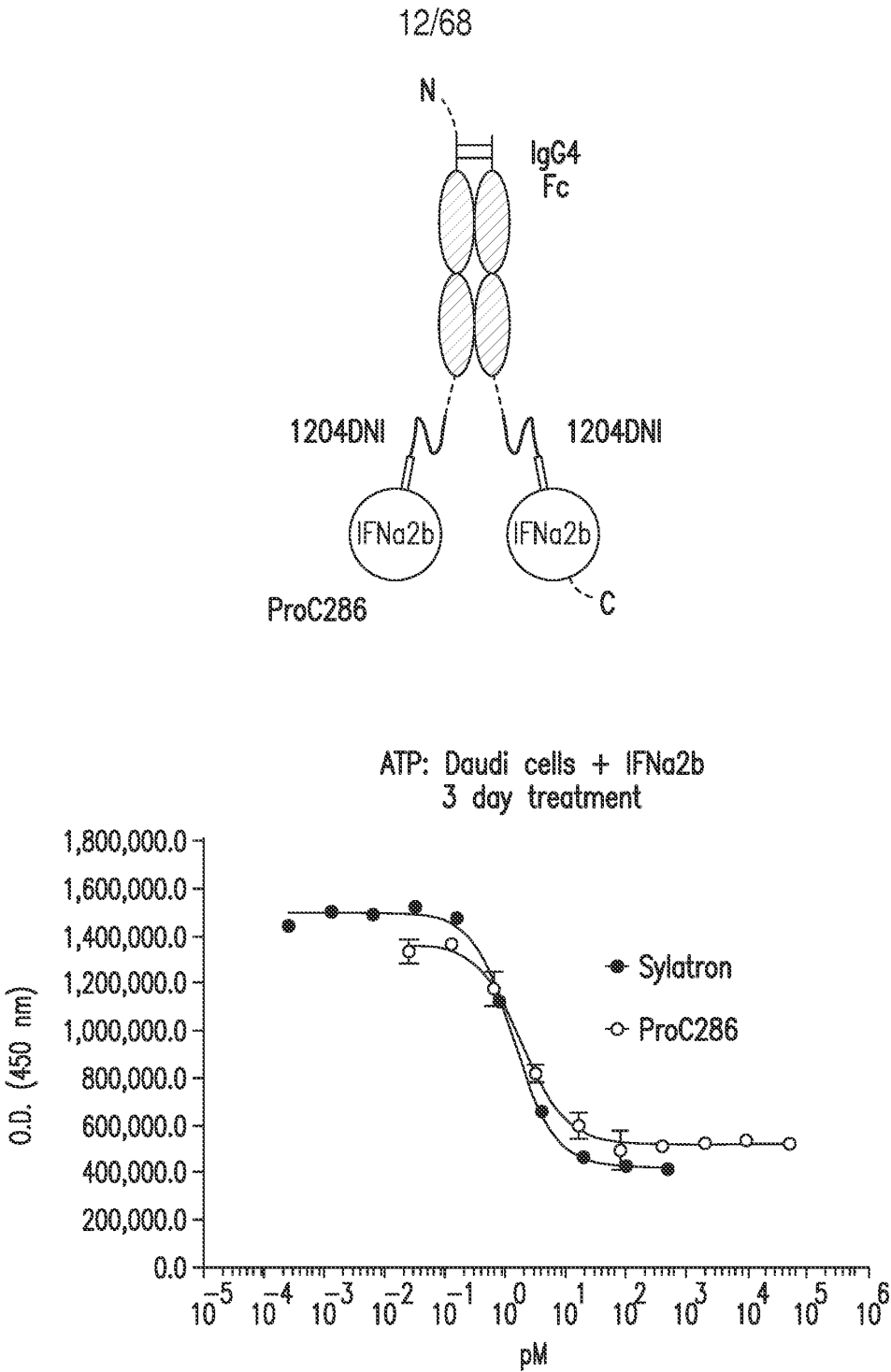


FIG. 11A

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Daudi proliferation assay

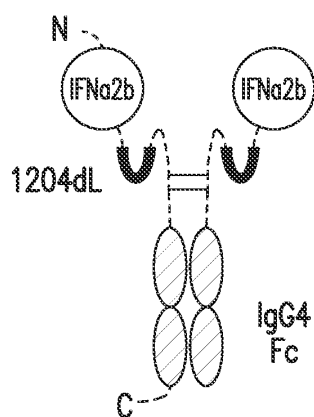
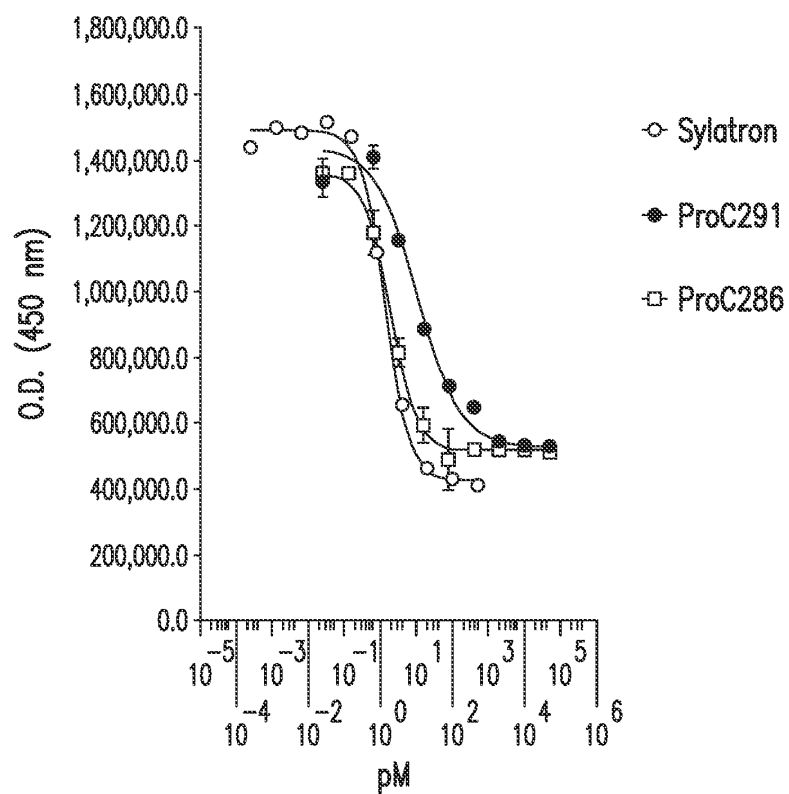


FIG. 11B

	IFNa-con	ProC440+uPA	PEG-IFNa2b (Sylatron)	ProC440
Specific activity	$1-2 \times 10^9 \text{ U/mg}$	$3.5 \times 10^8 \text{ U/mg}$	$0.7 \times 10^8 \text{ U/mg}$	$1.3 \times 10^7 \text{ U/mg}$
Anticipated toxic dose	0.1 mpk *	0.288 mpk	1.43 mpk	7.68 mpk

FIG. 12

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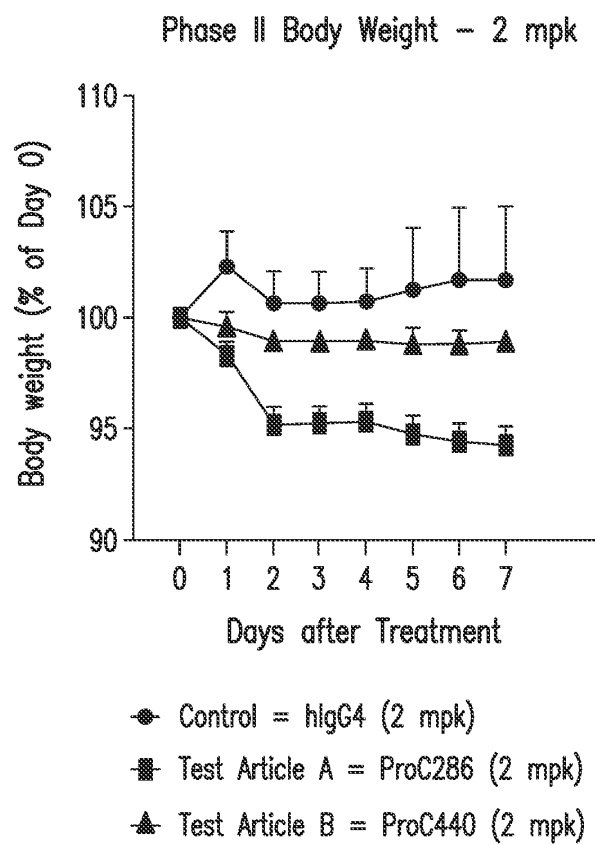


FIG. 13A

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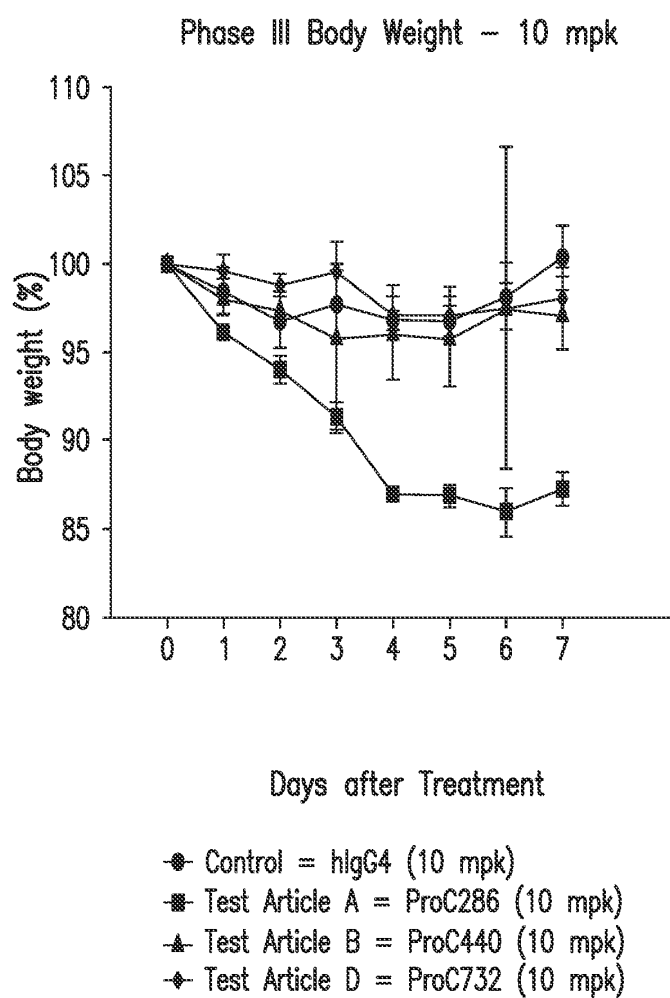


FIG. 13B

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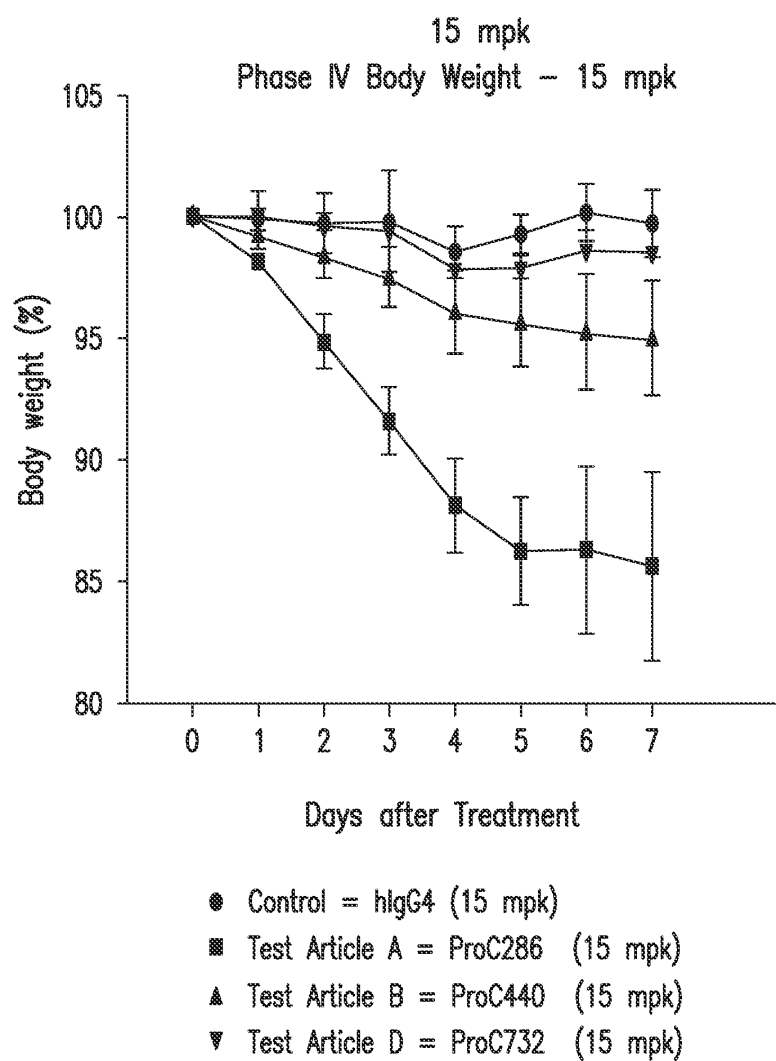


FIG. 13C

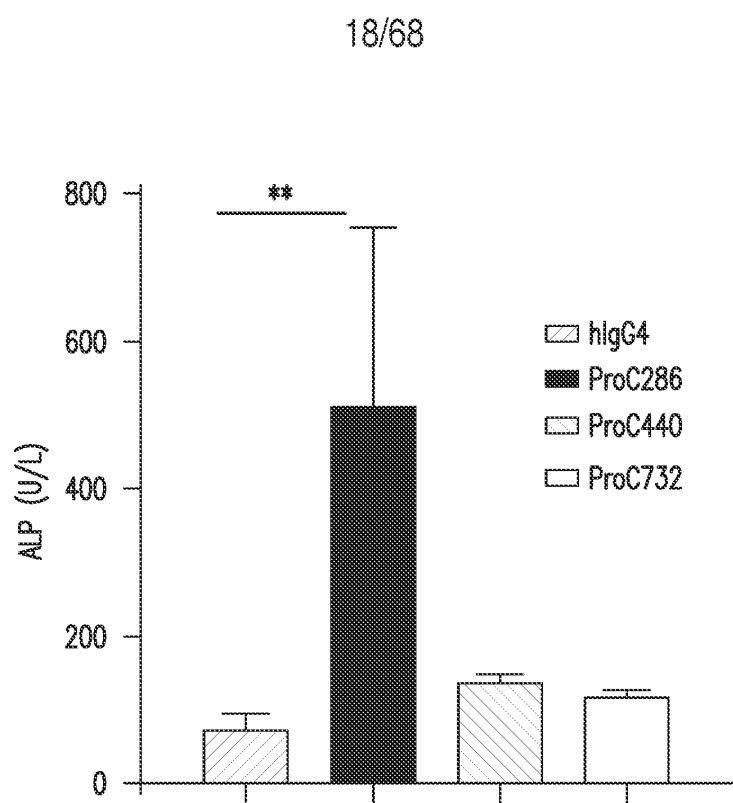


FIG. 13D

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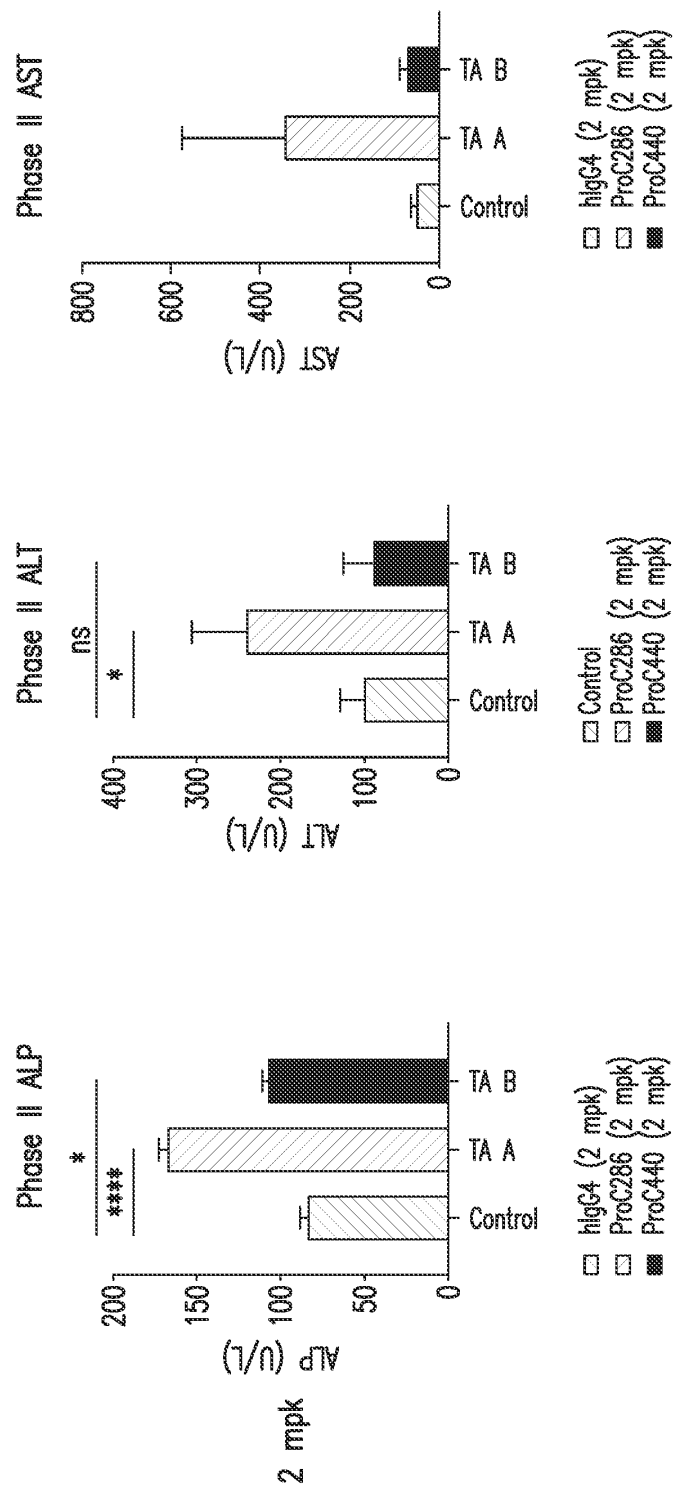


FIG. 14

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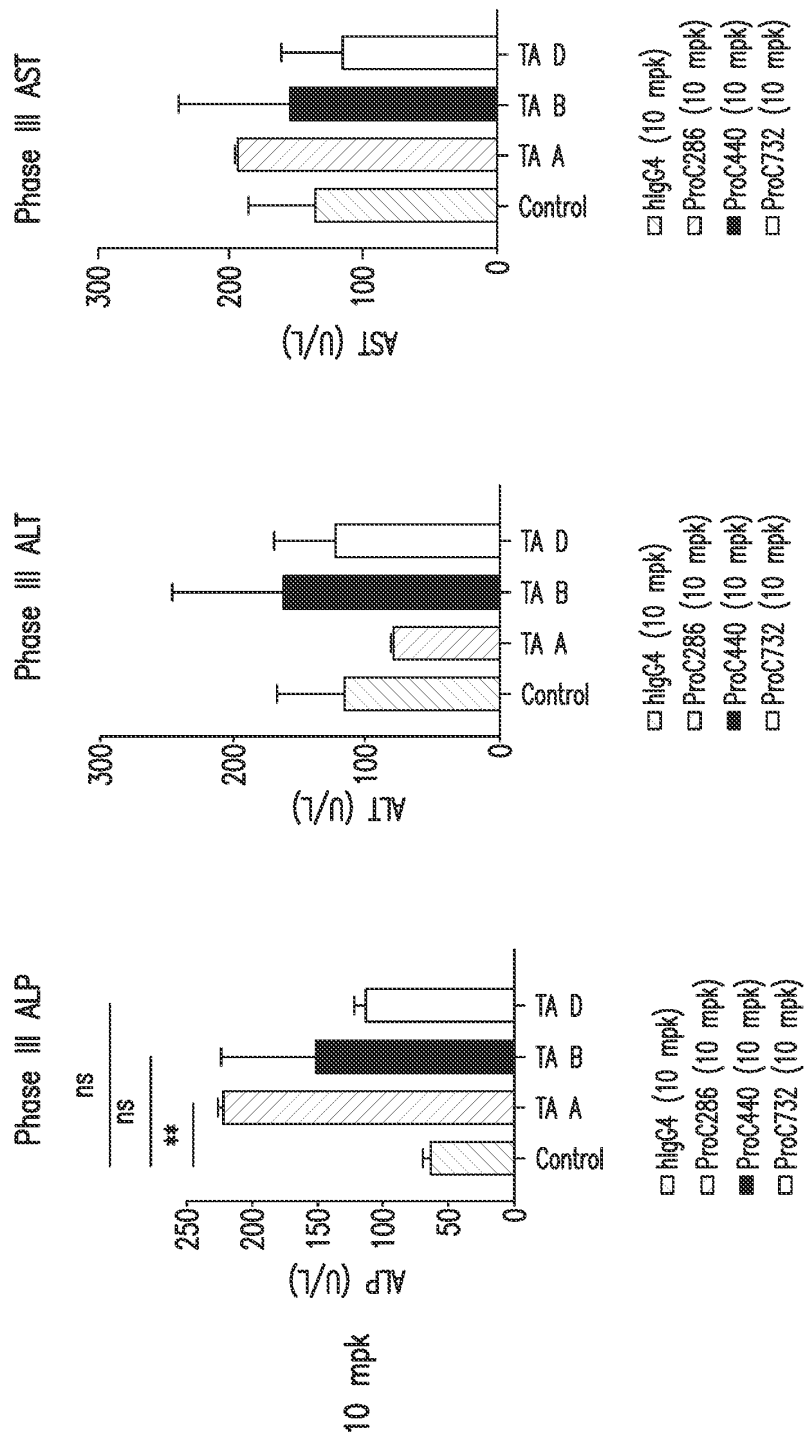


FIG. 14 (continued)

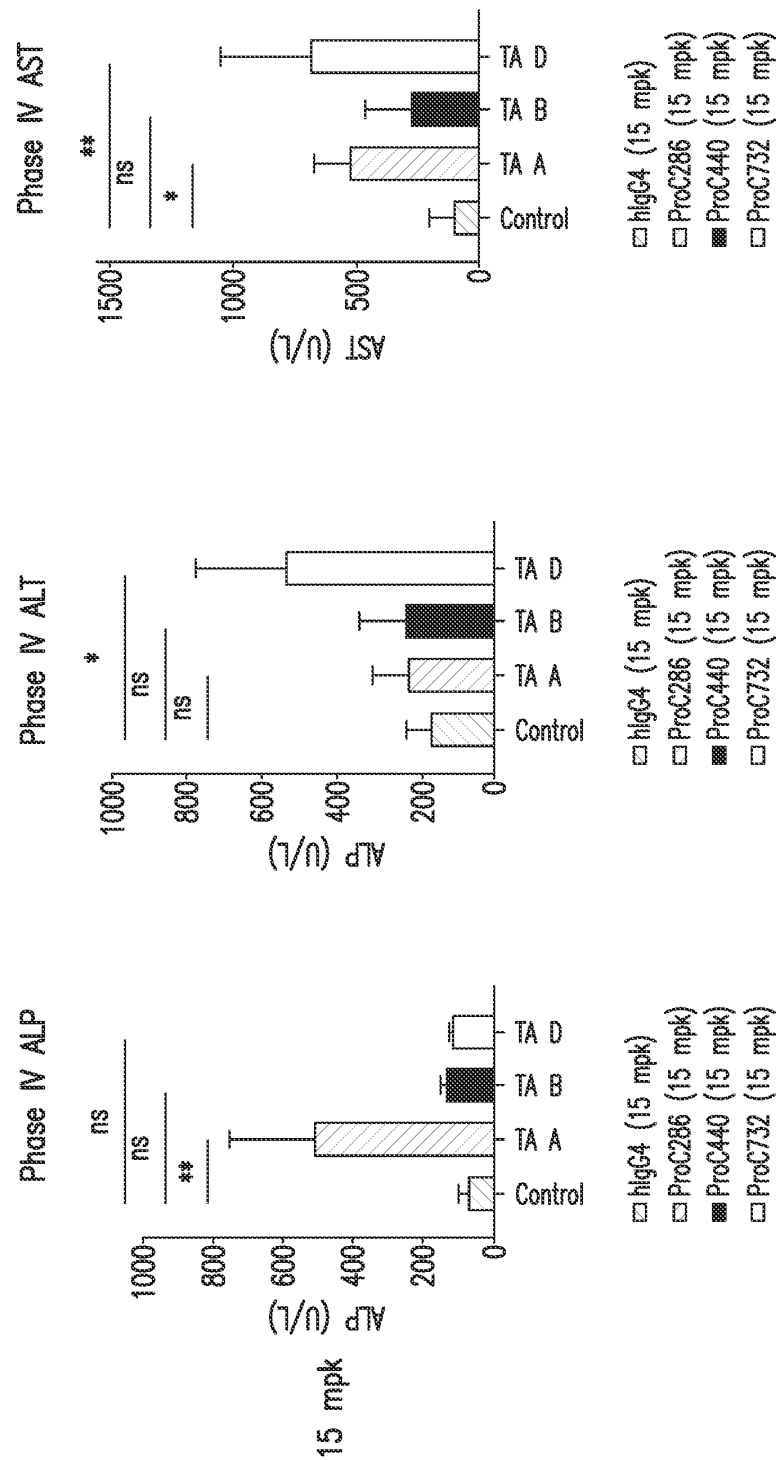


FIG. 14 (continued)

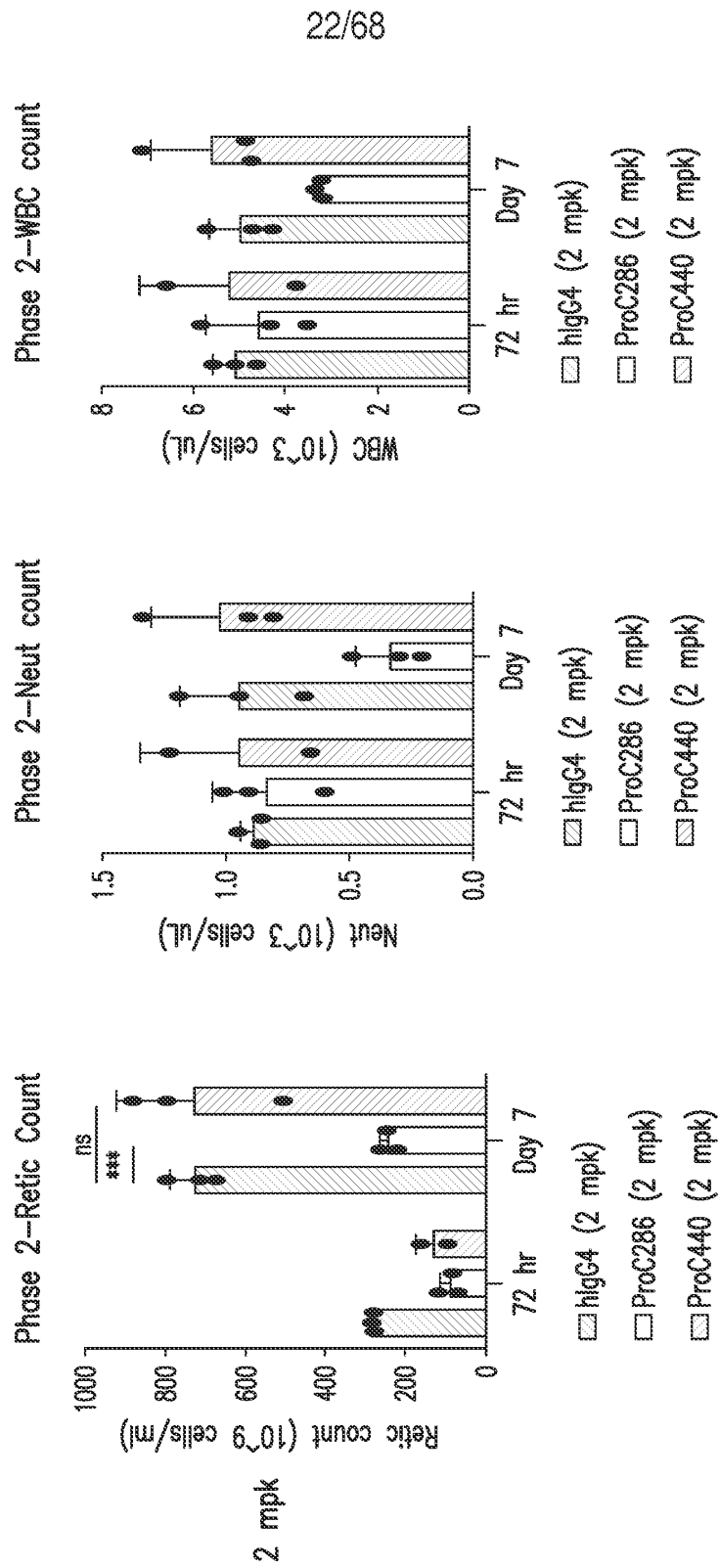


FIG. 15

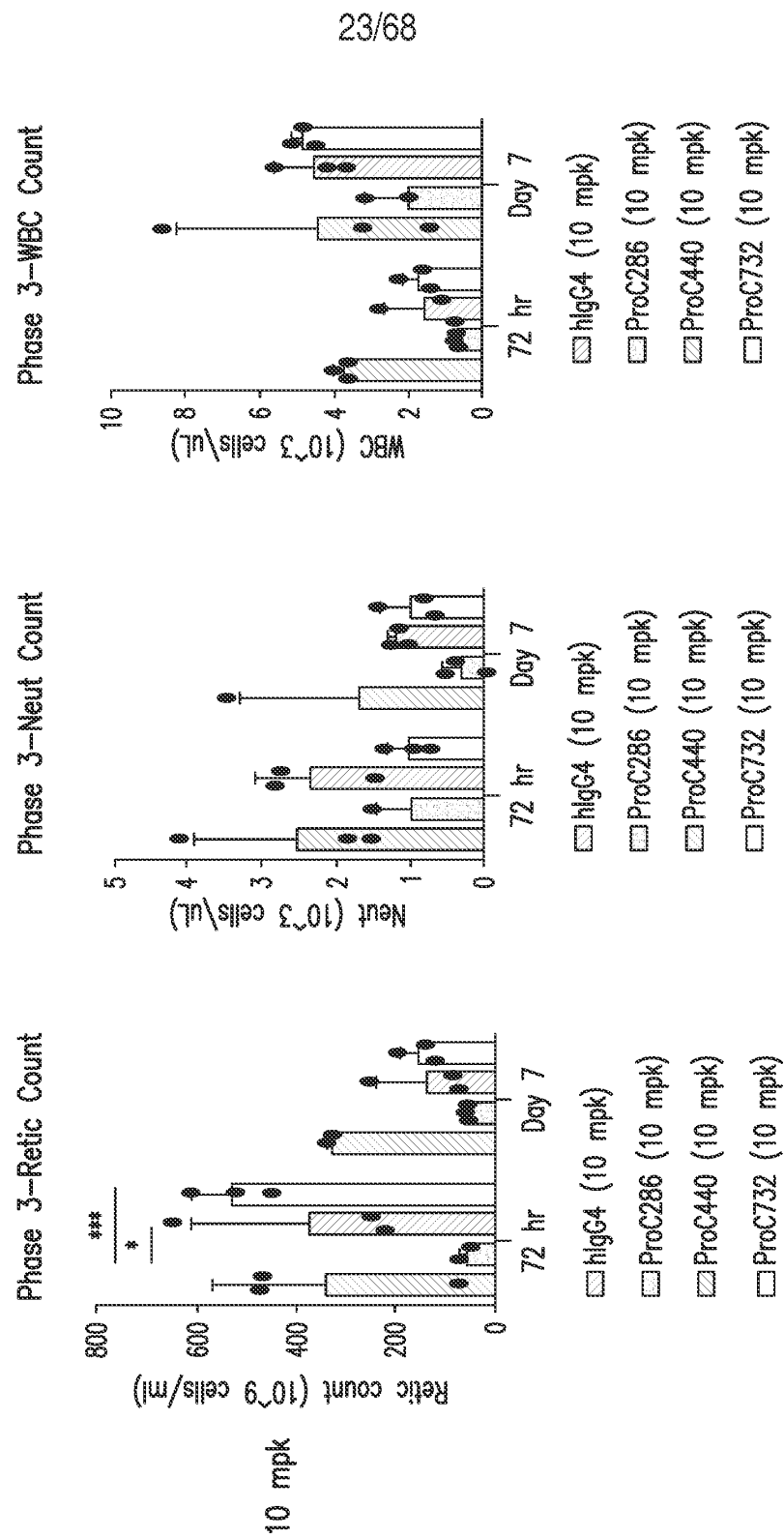


FIG. 15 (continued)

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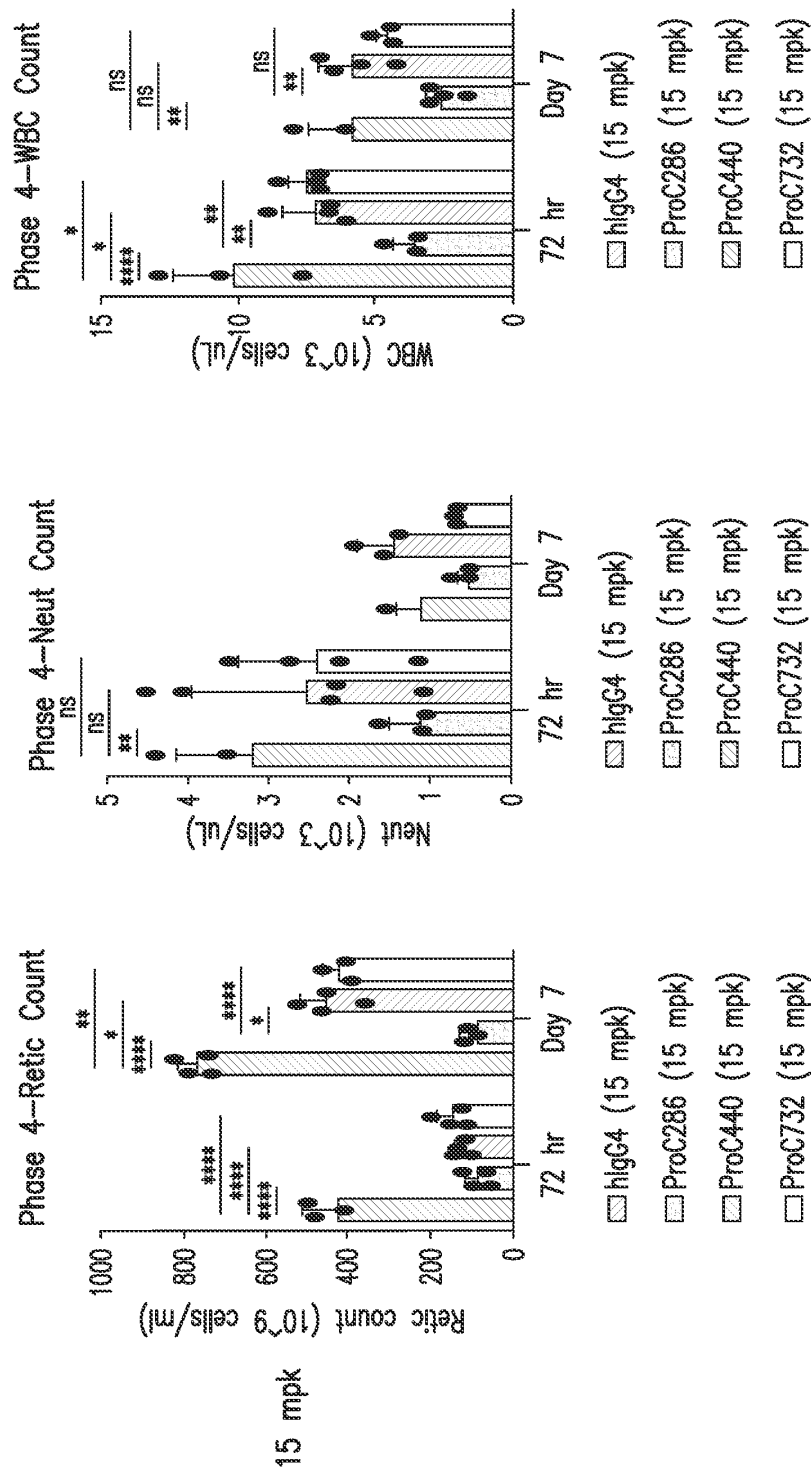


FIG. 15 (continued)

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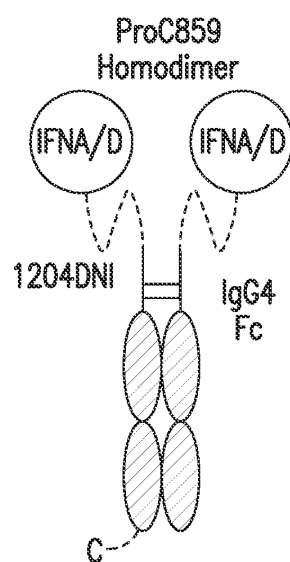
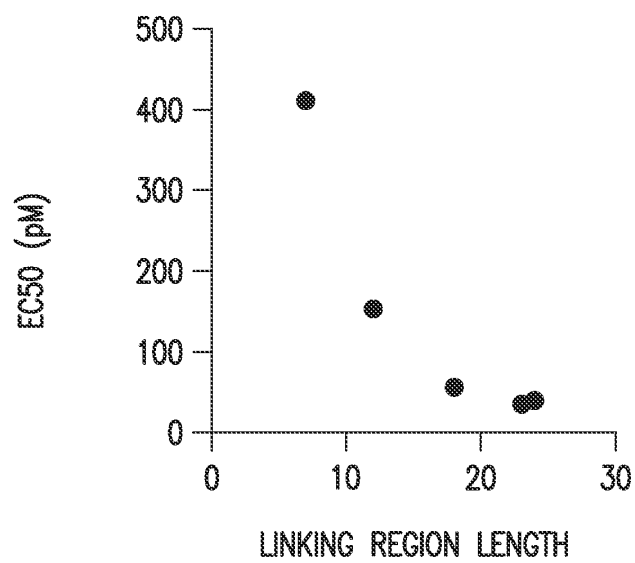
Daudi Cytotox EC50
IFN α 2b hlgG4 fusions

FIG. 16

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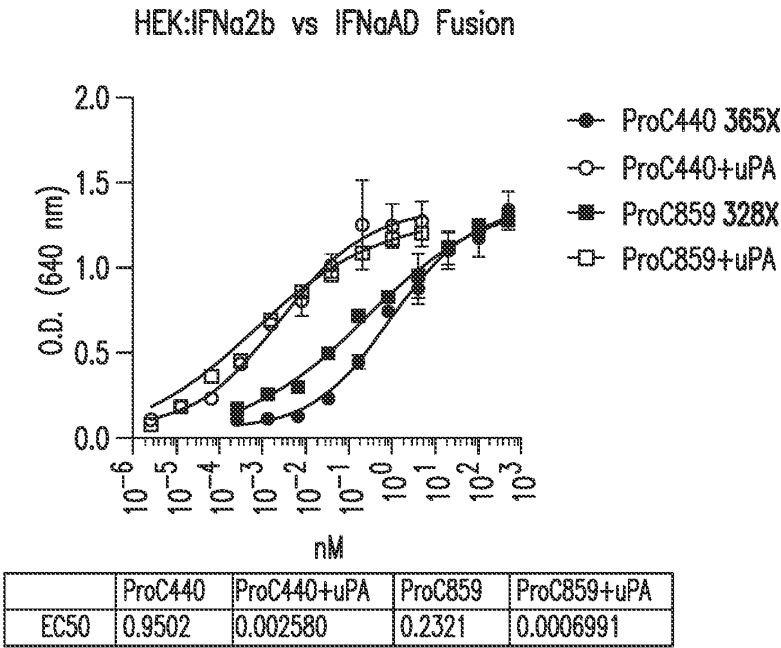
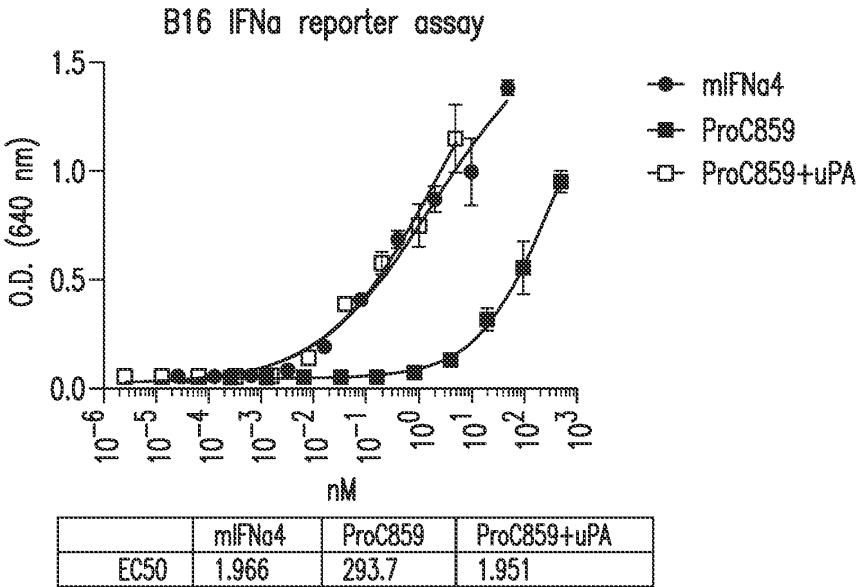


FIG. 17

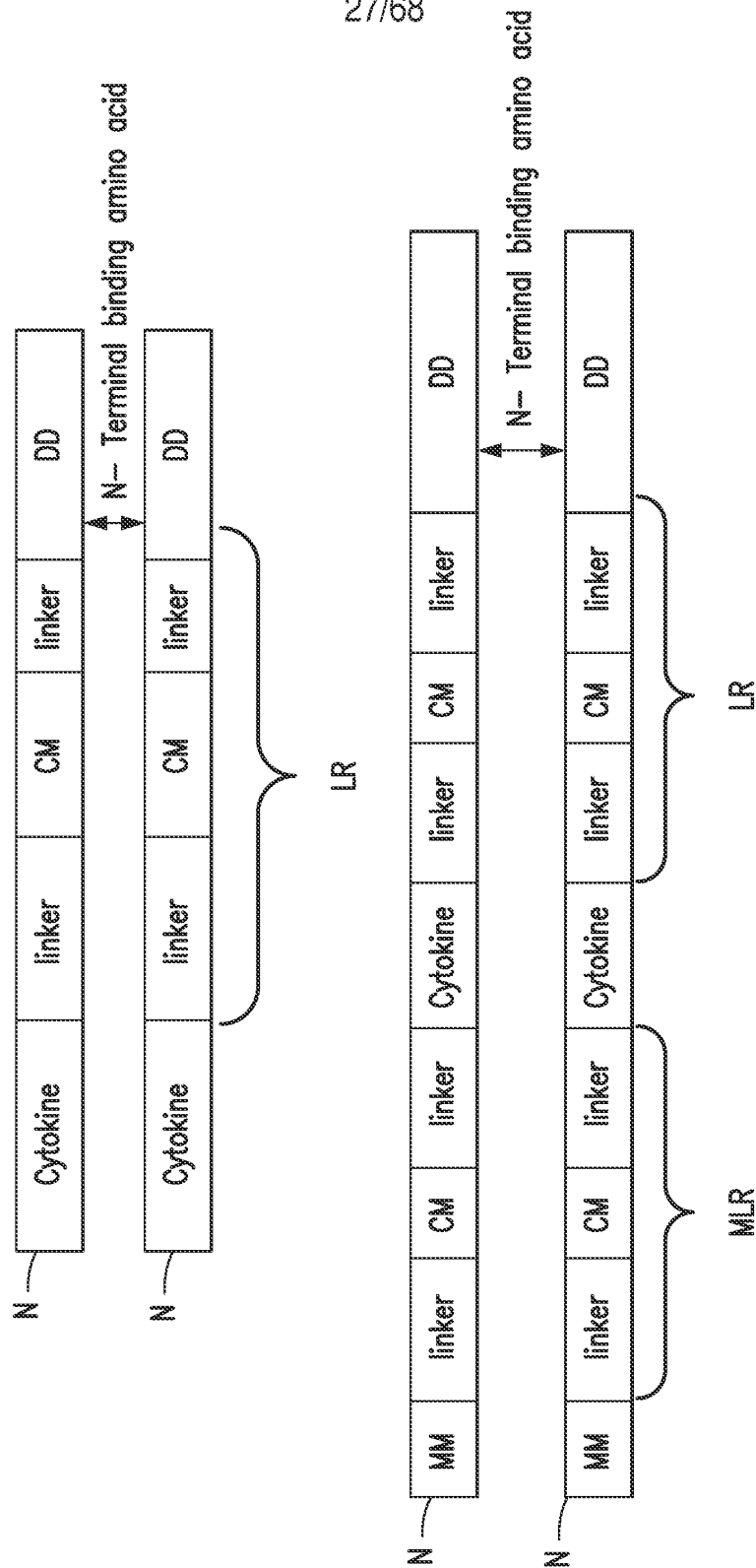


FIG. 18

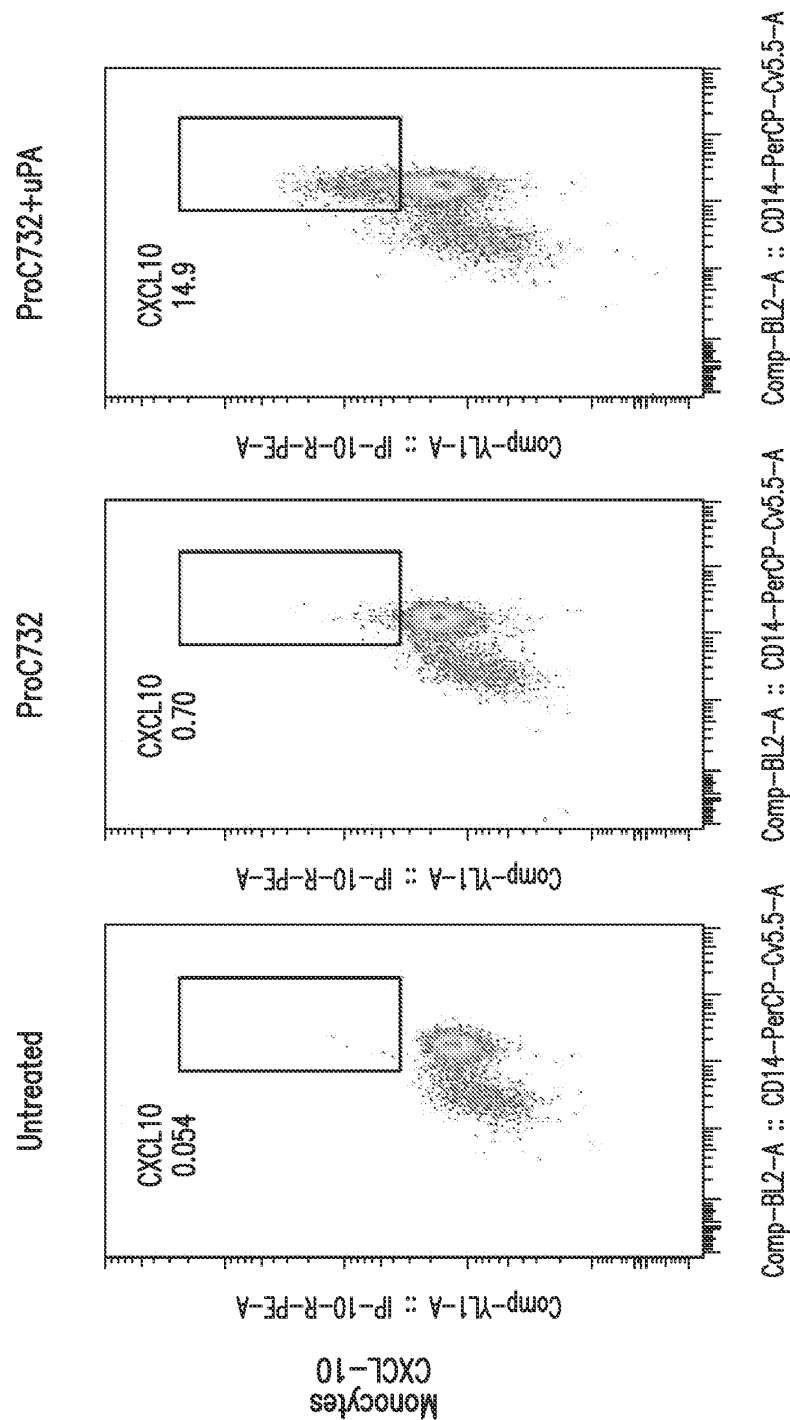


FIG. 19

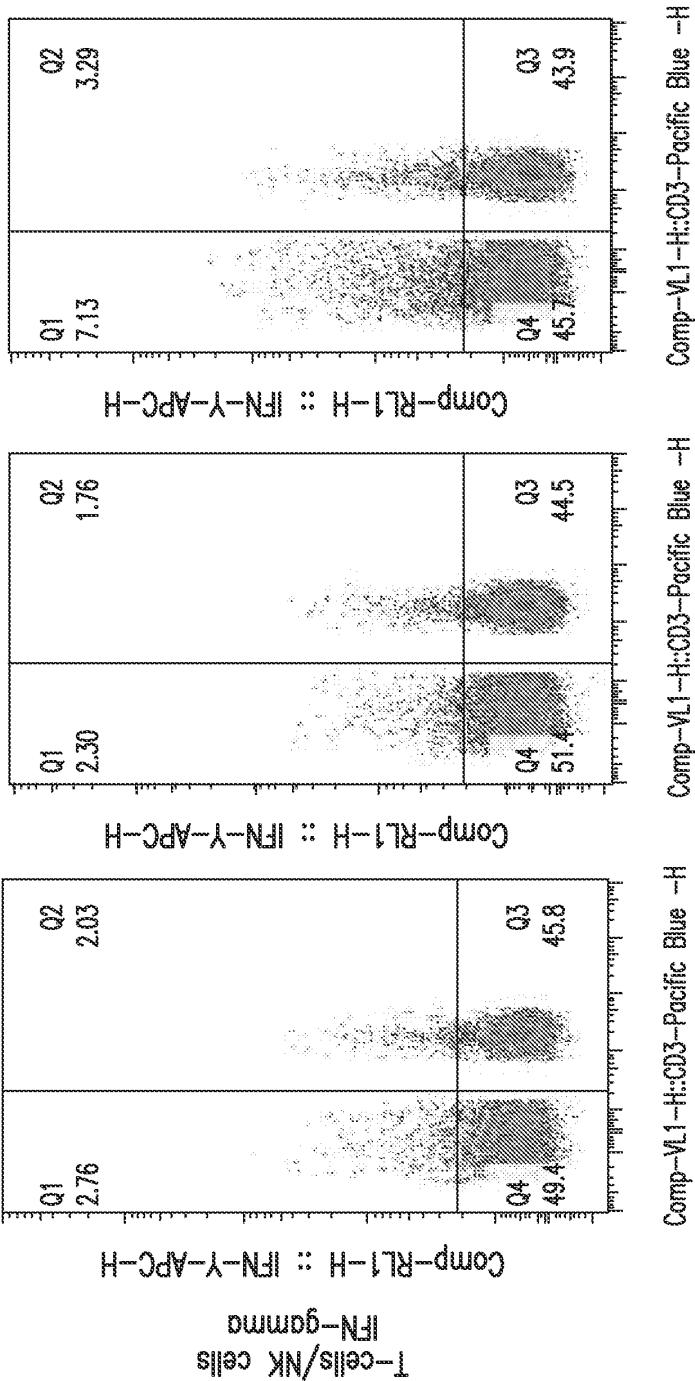


FIG. 19 (continued)

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Tumor growth suppression

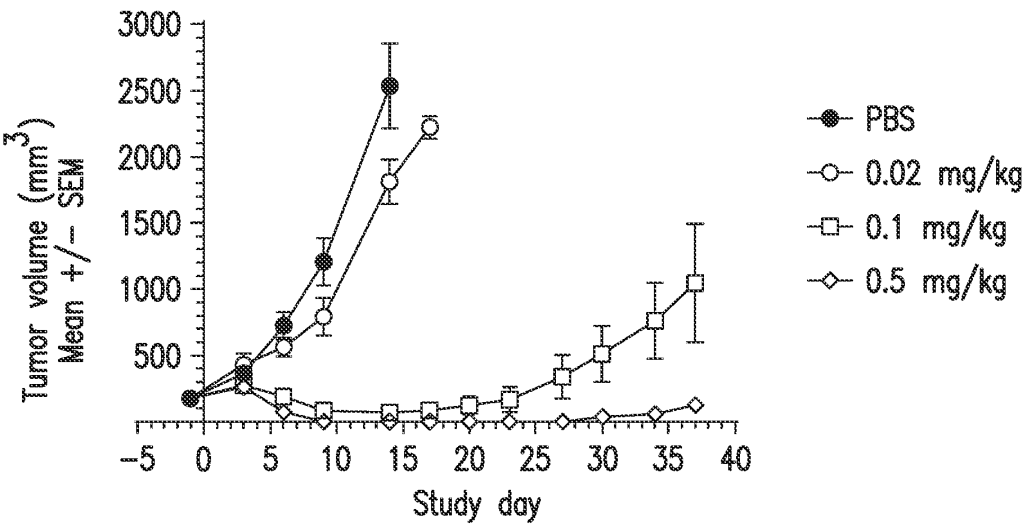


FIG. 20

In vitro activation of mouse splenocytes by IFN α -A/D

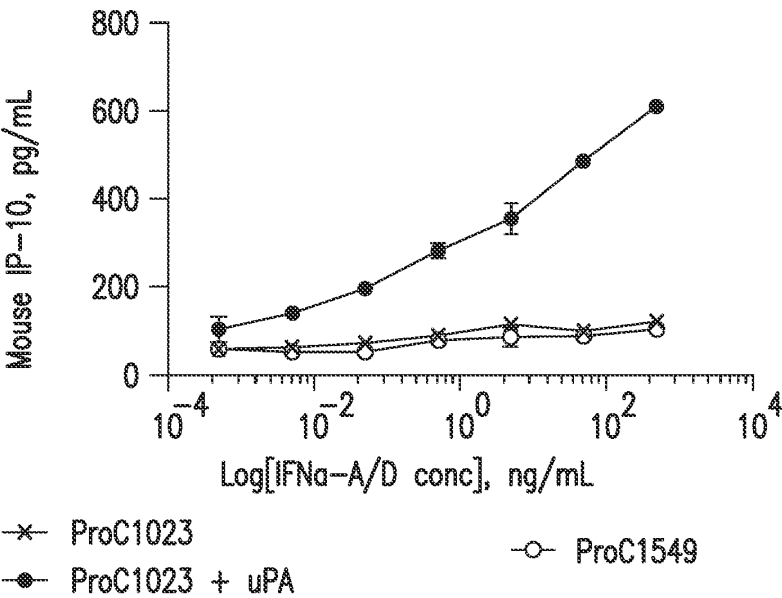


FIG. 21

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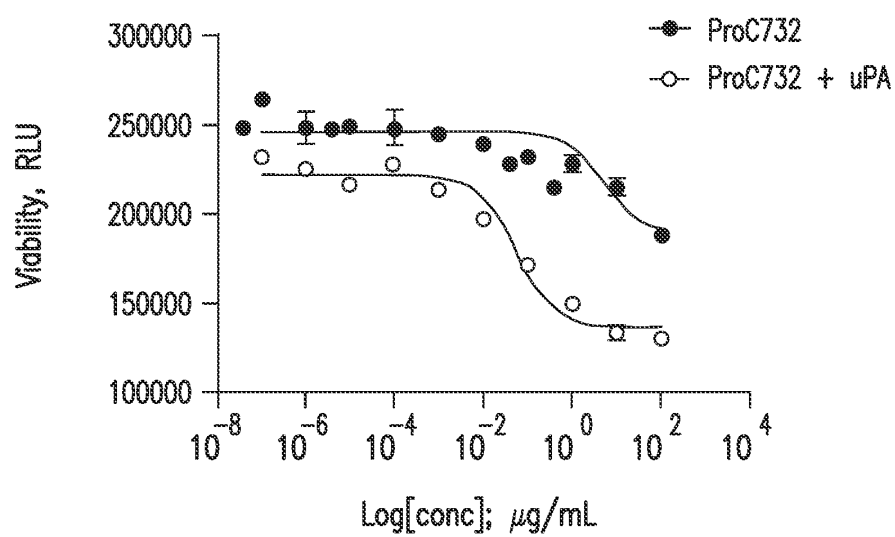


FIG. 22

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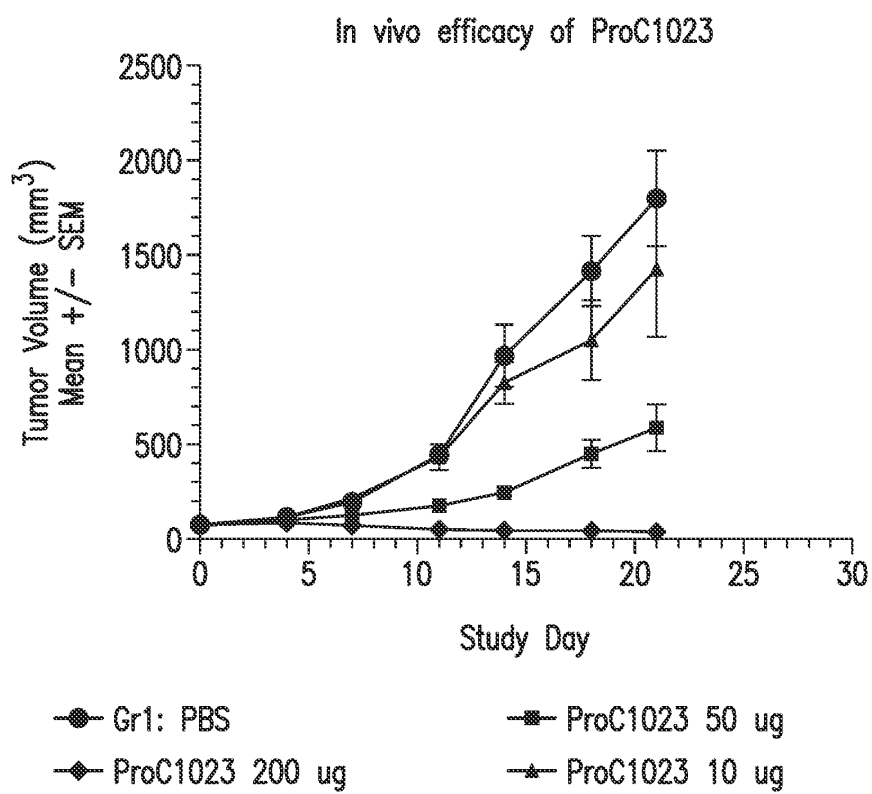


FIG. 23A

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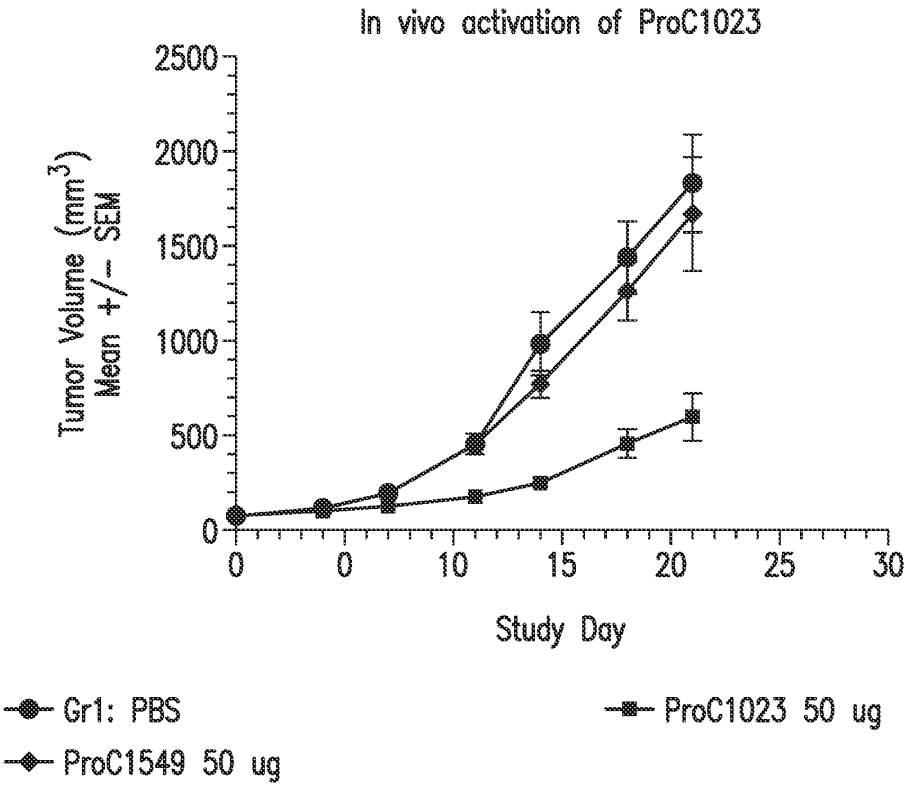


FIG. 23B

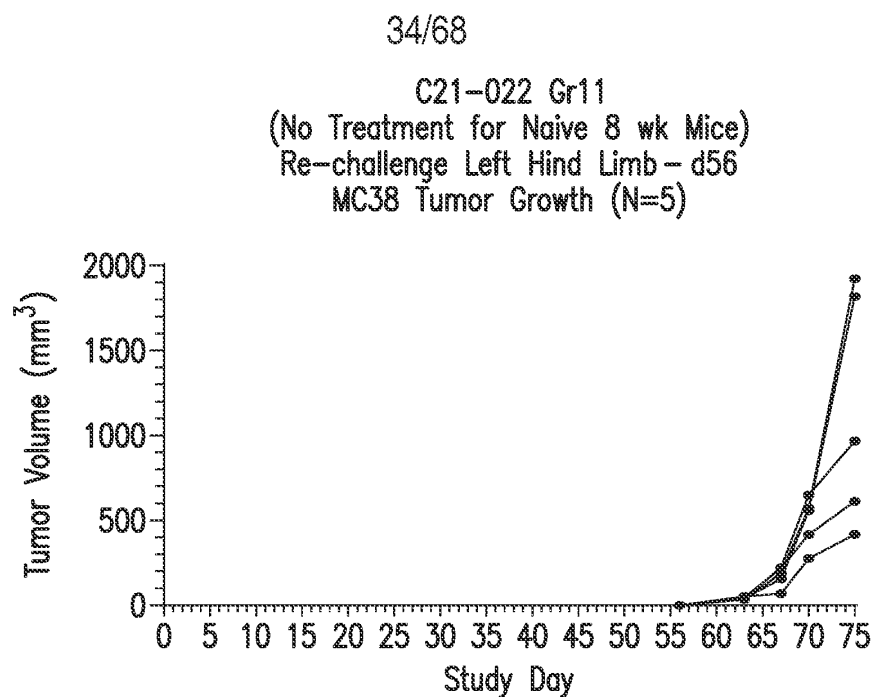


FIG. 24A

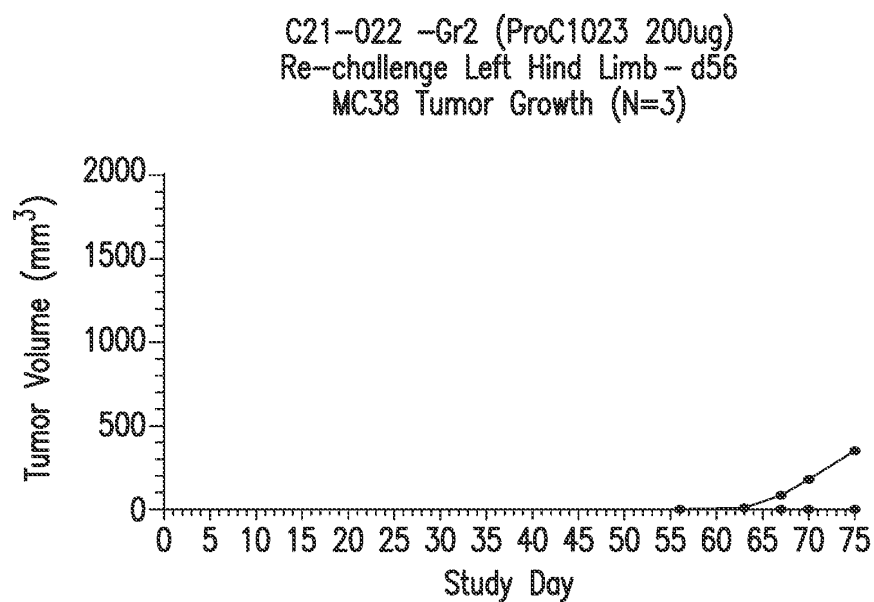


FIG. 24B

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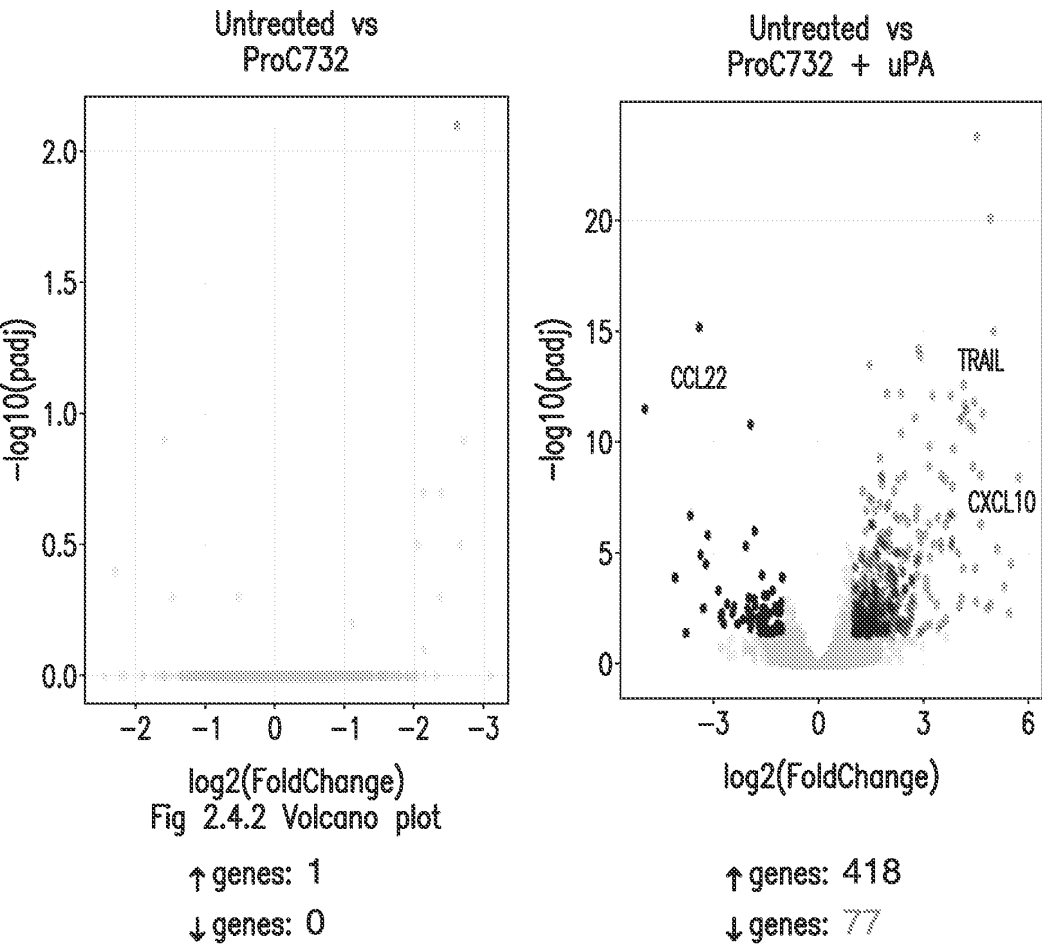


FIG. 25

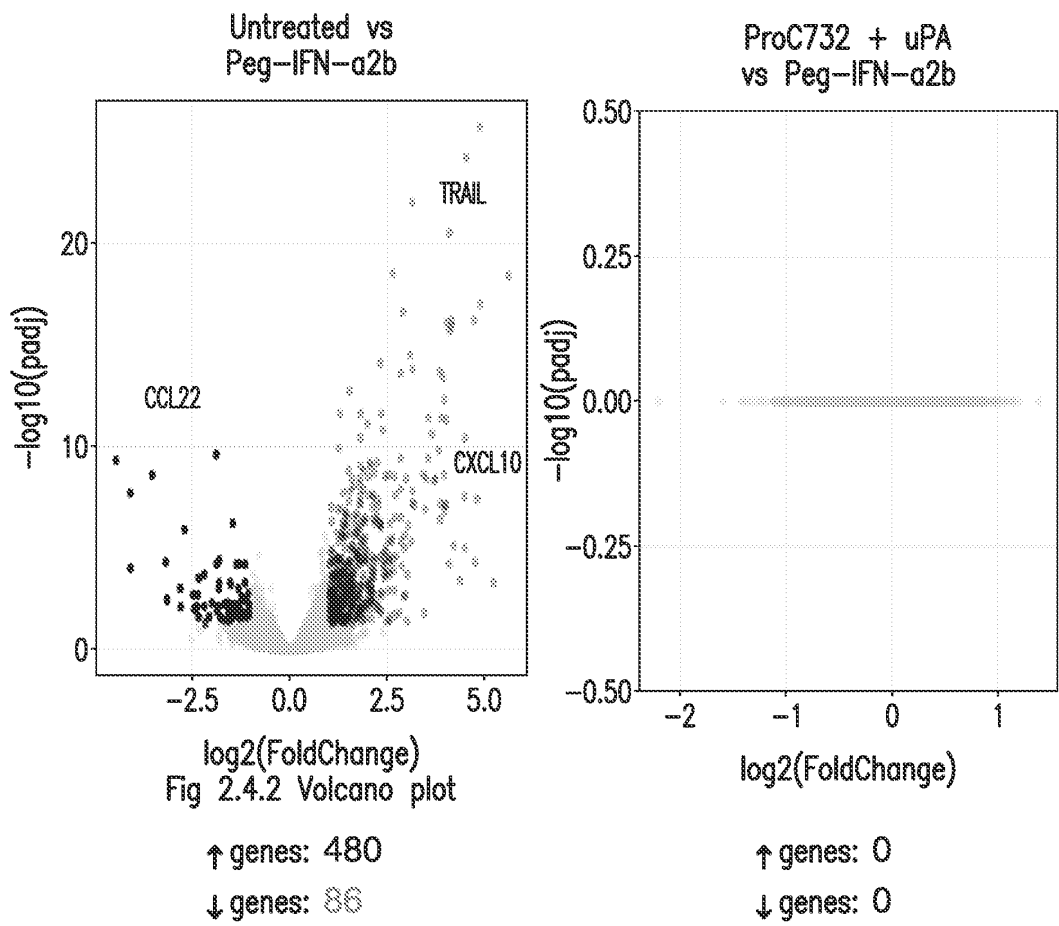


FIG. 25 (continued)

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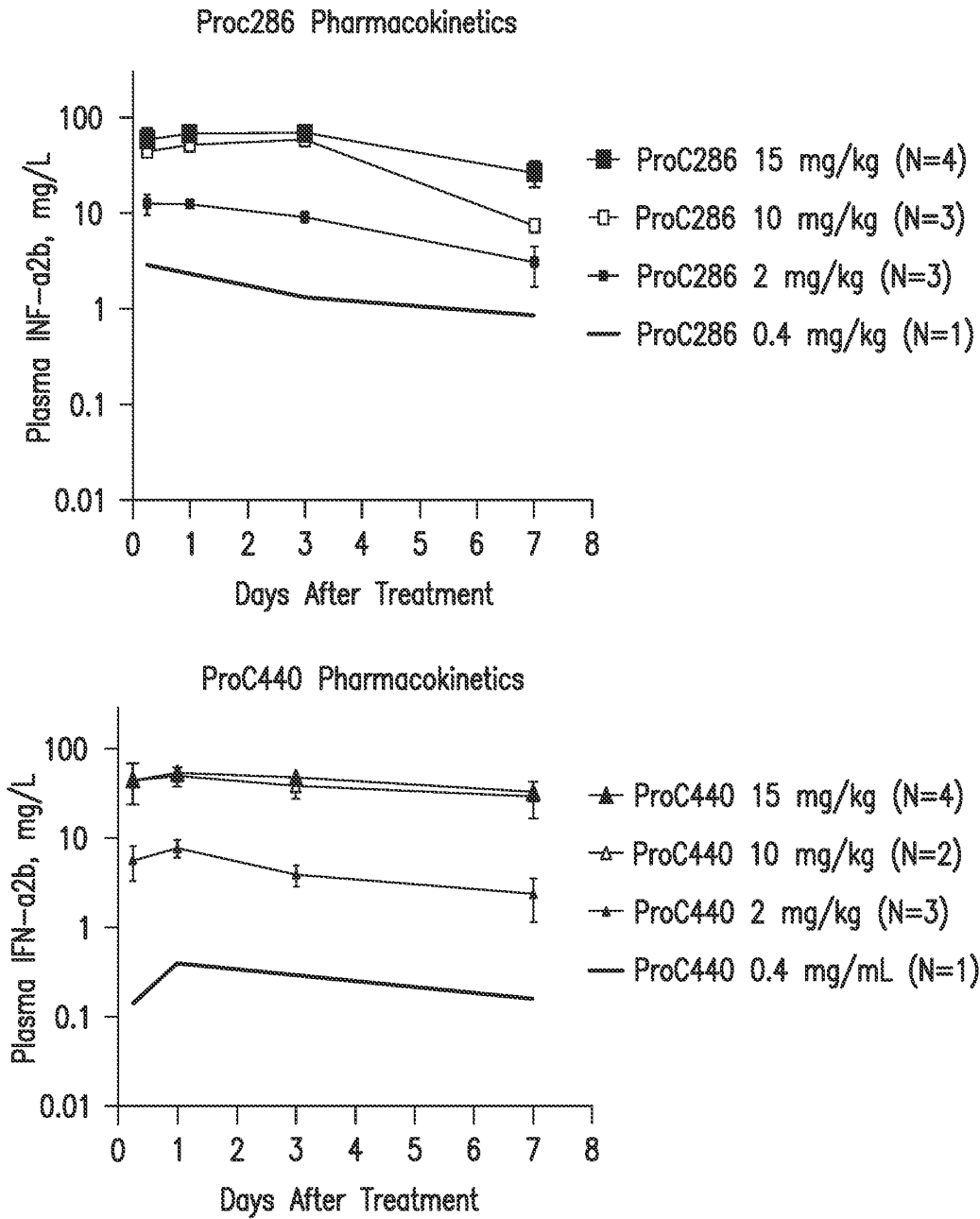


FIG. 26

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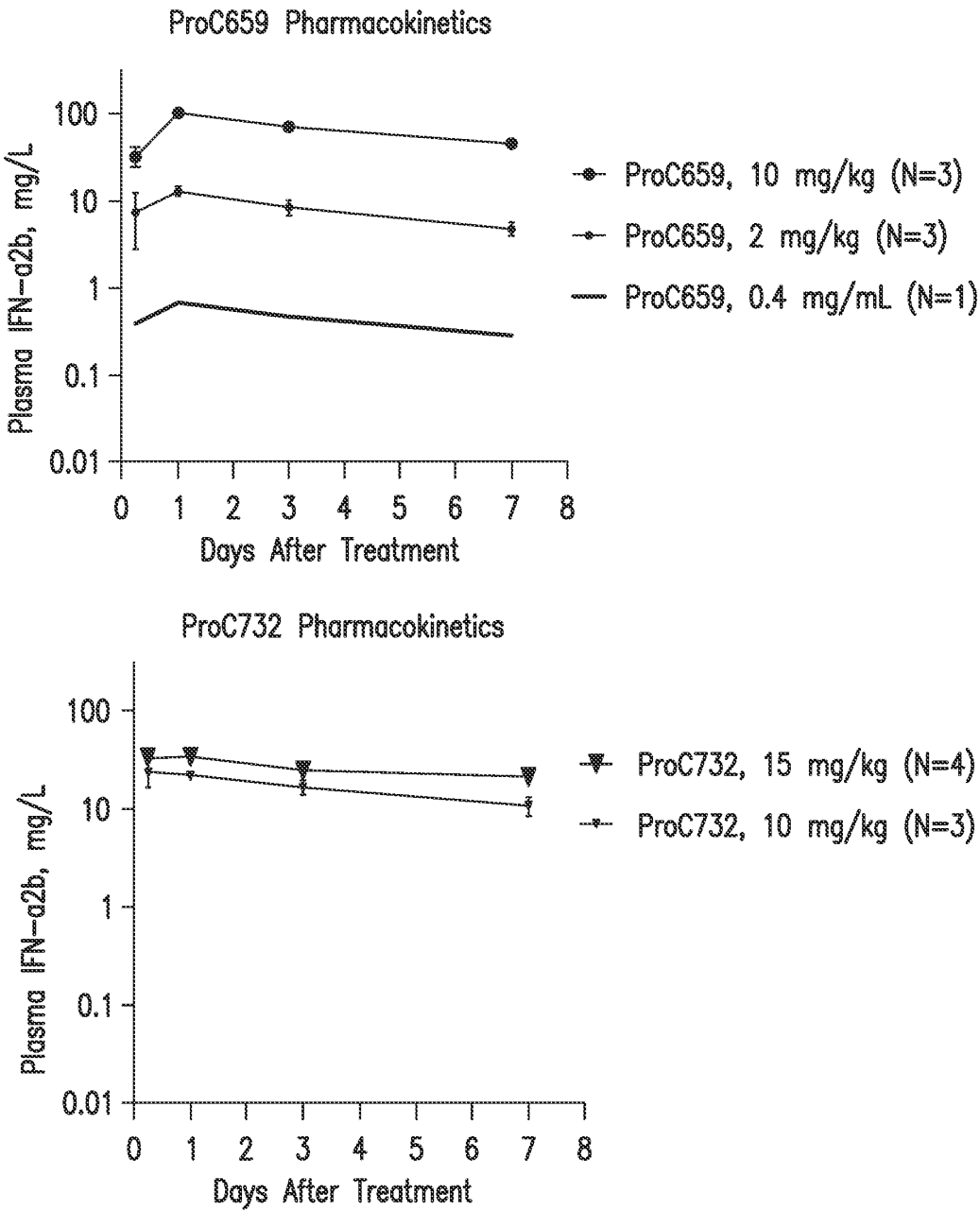


FIG. 26 (continued)

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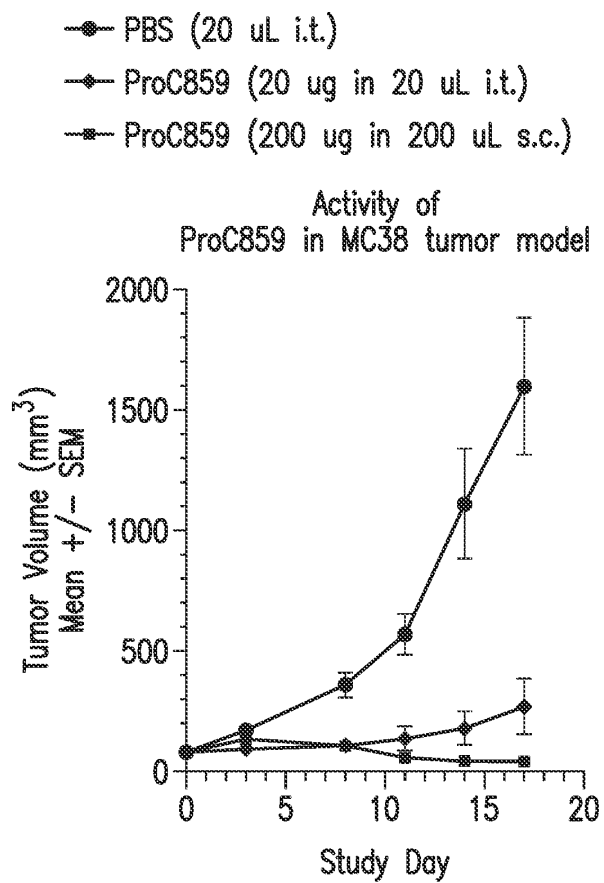


FIG. 27

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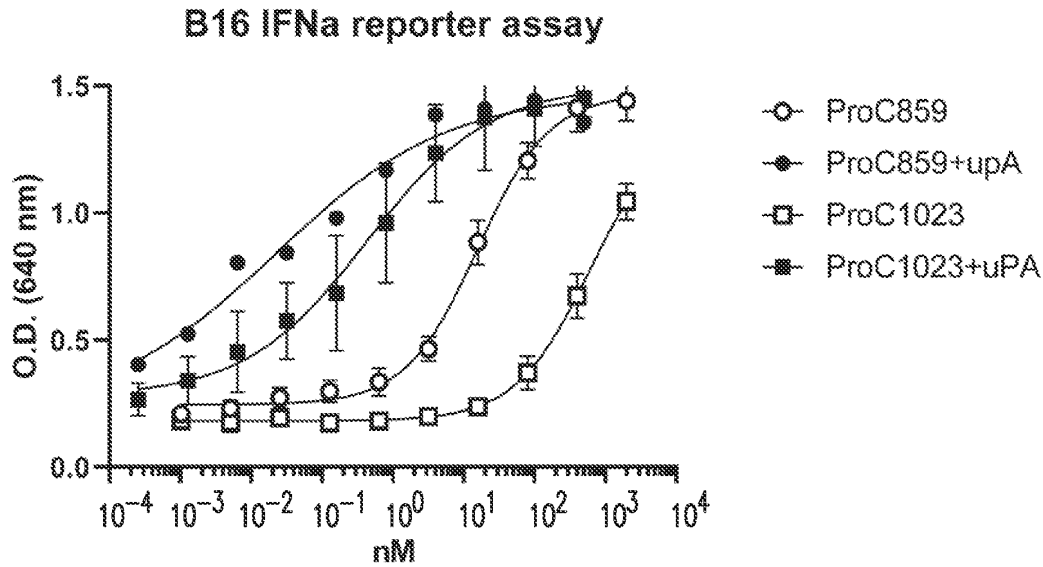


FIG. 28A

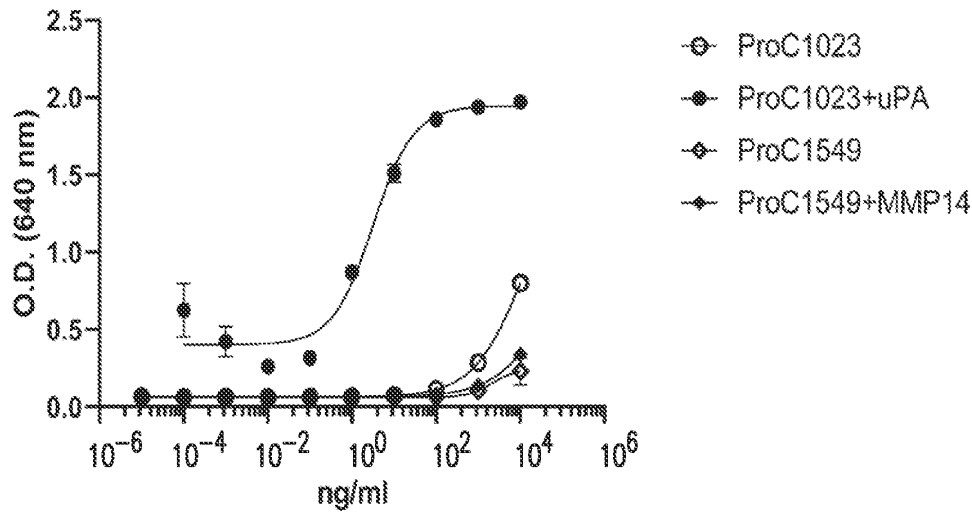


FIG. 28B

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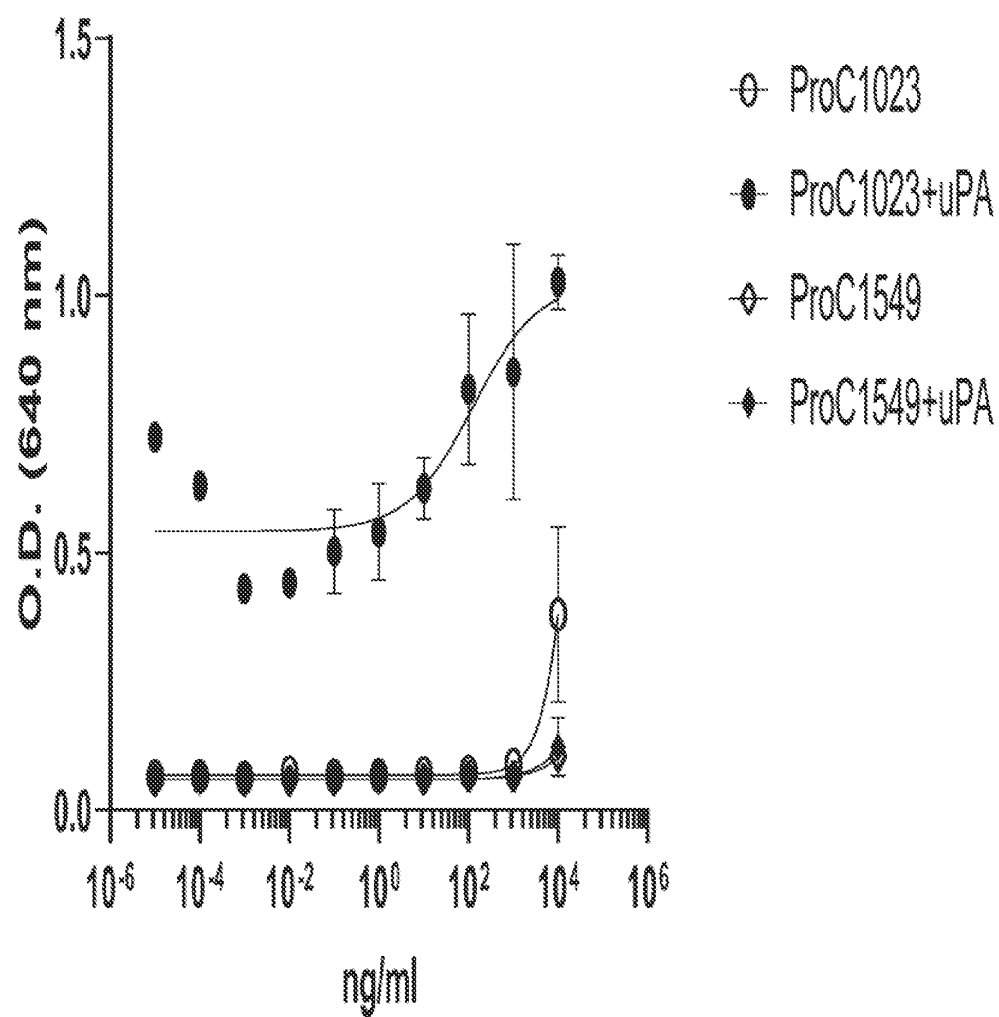


FIG. 28C

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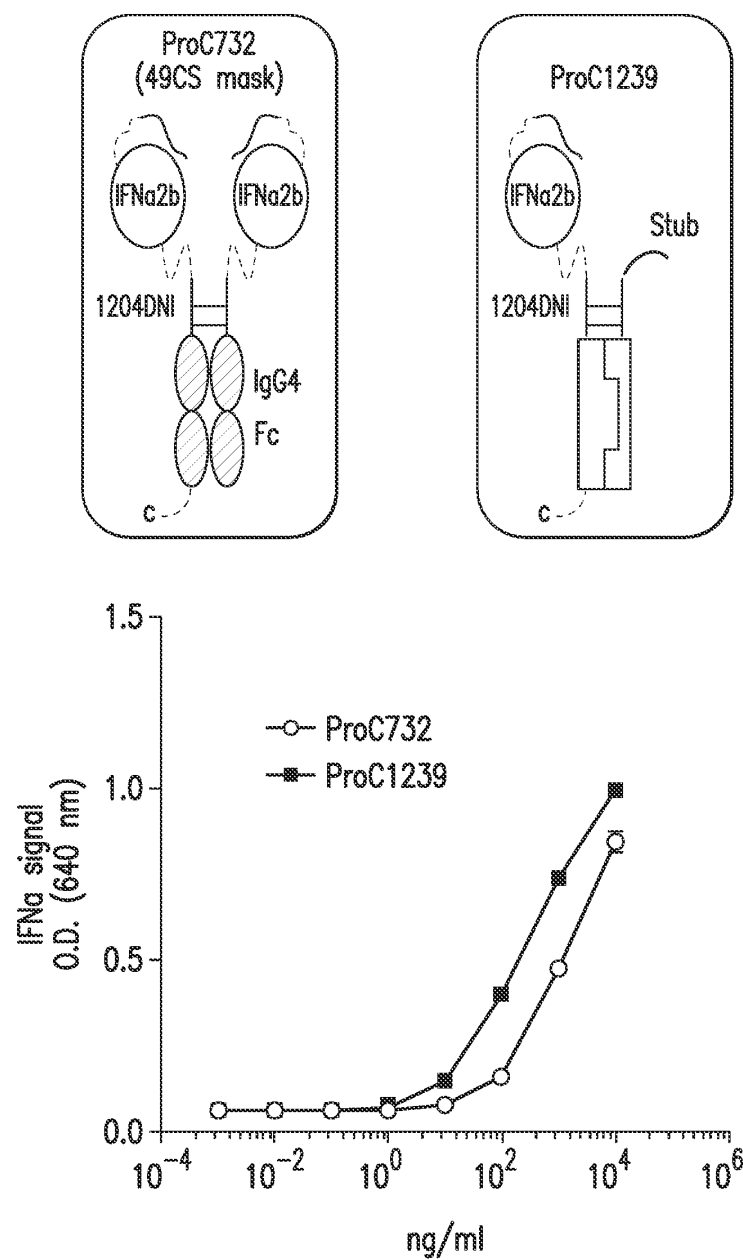


FIG. 29

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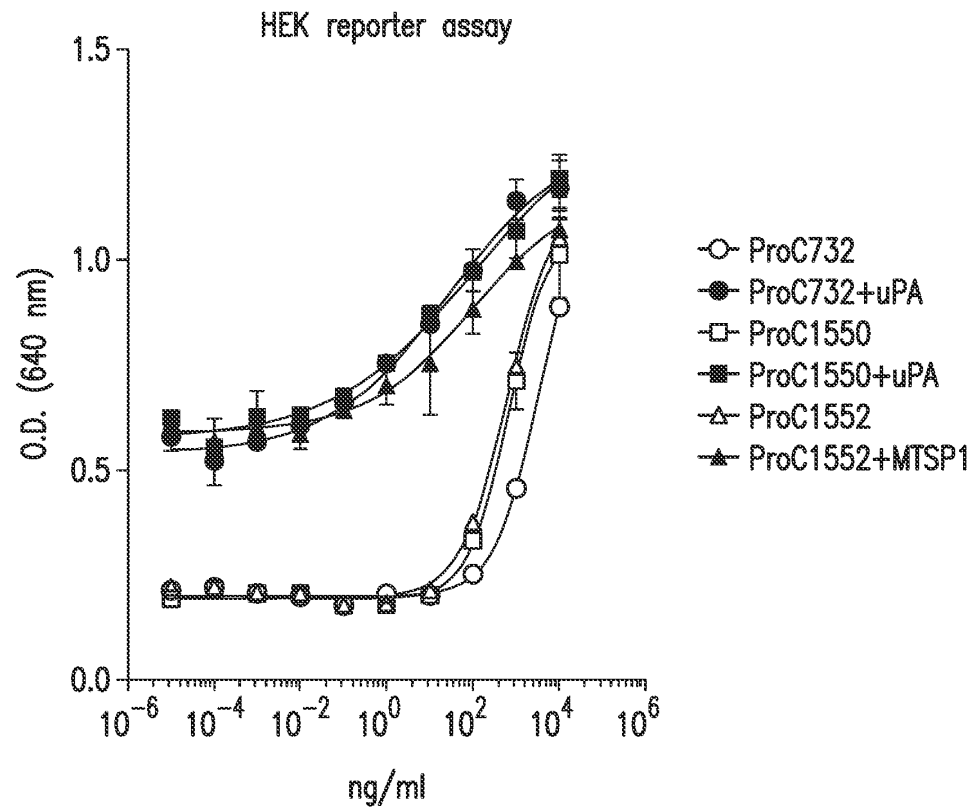


FIG. 30

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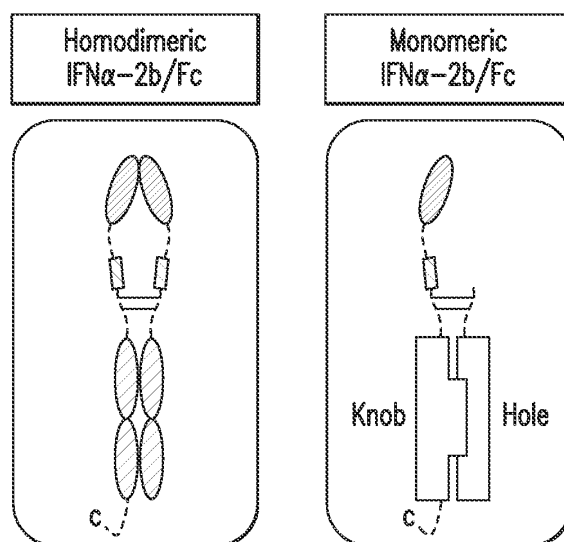
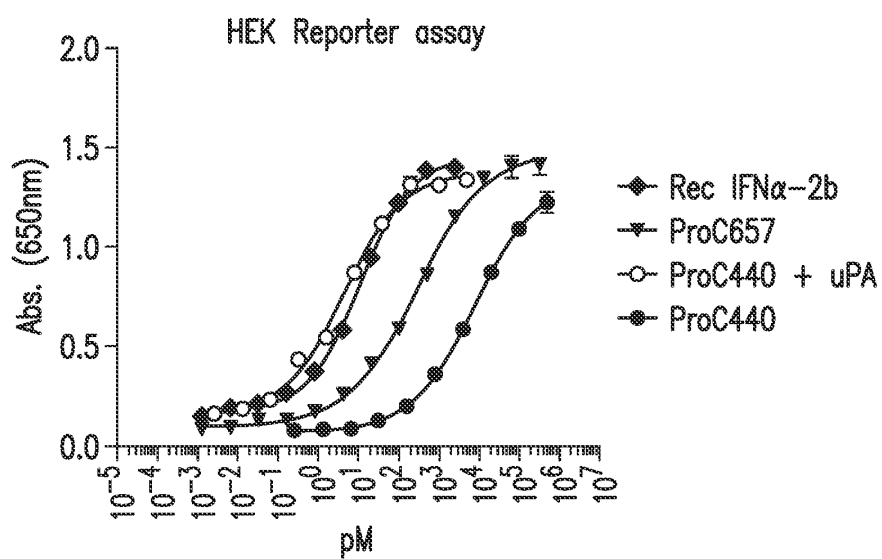


FIG. 31

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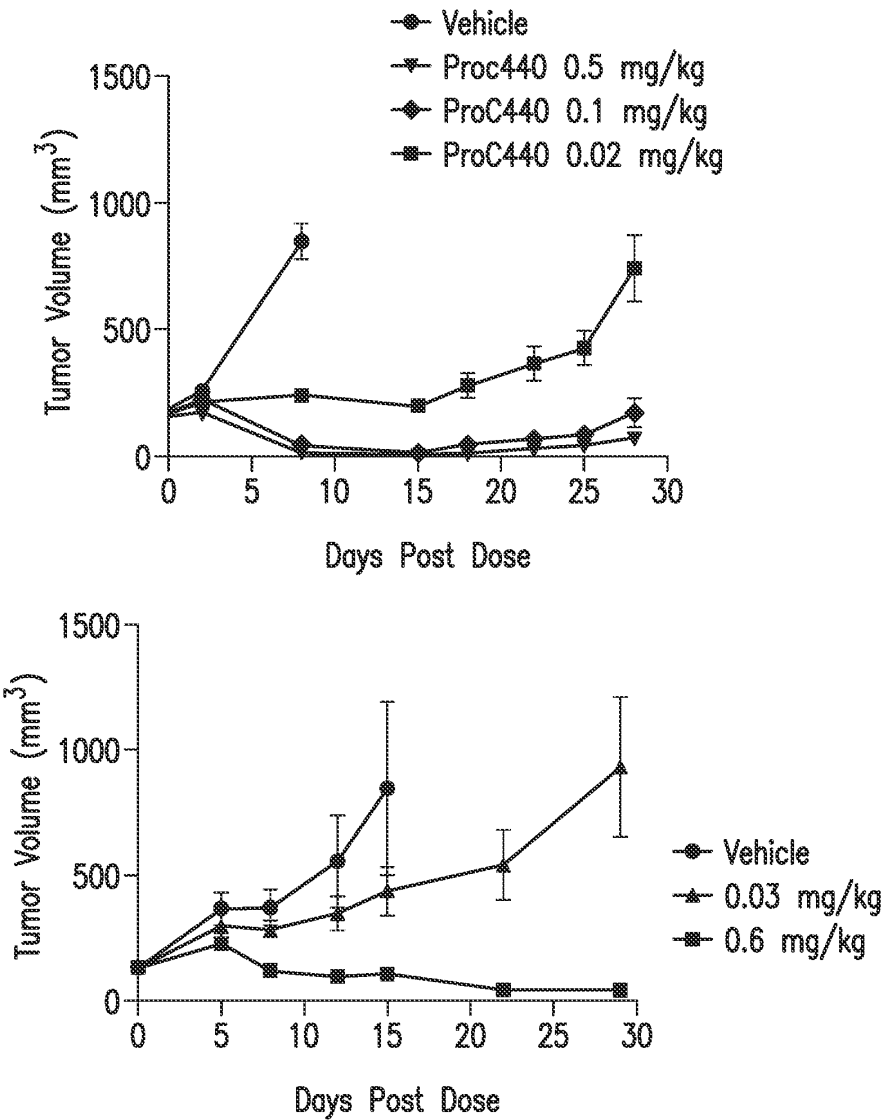


FIG. 32

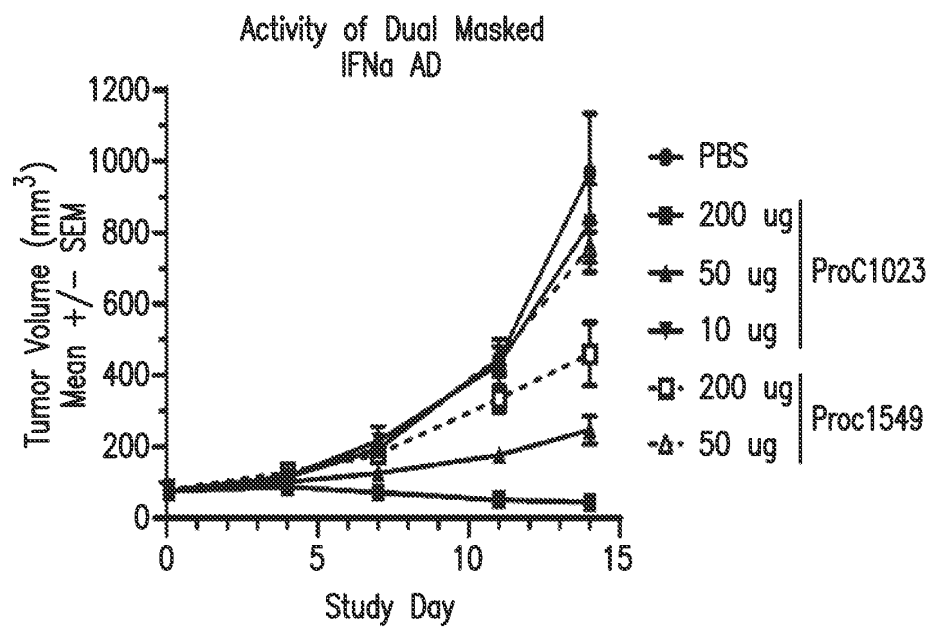


FIG. 33

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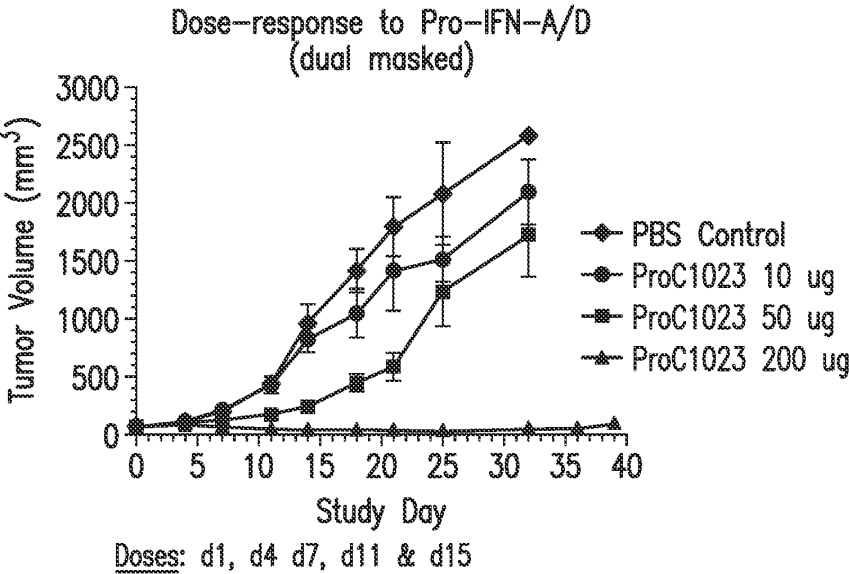


FIG. 34A

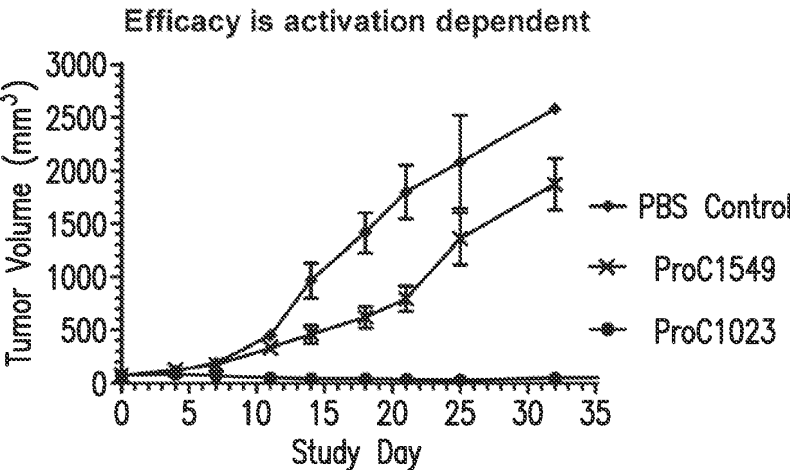


FIG. 34B

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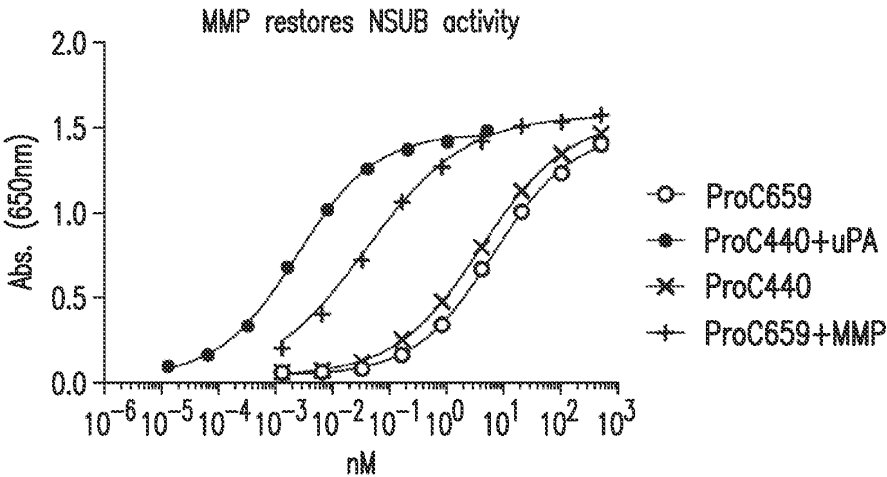


FIG. 35A

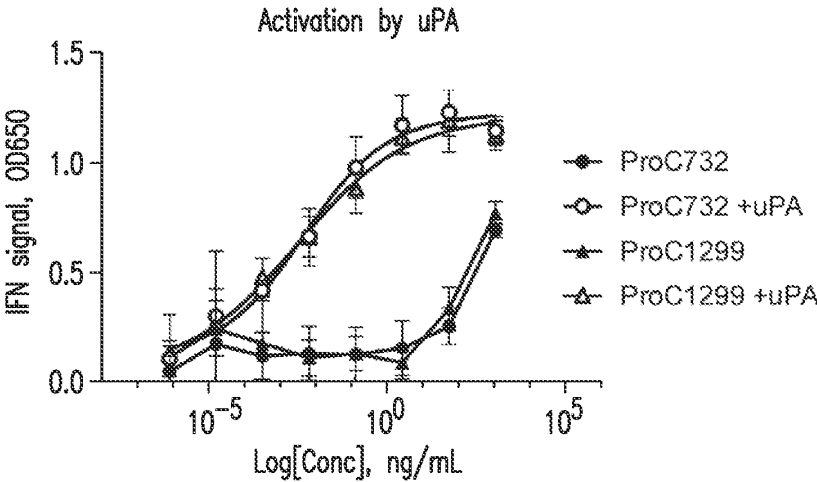


FIG. 35B

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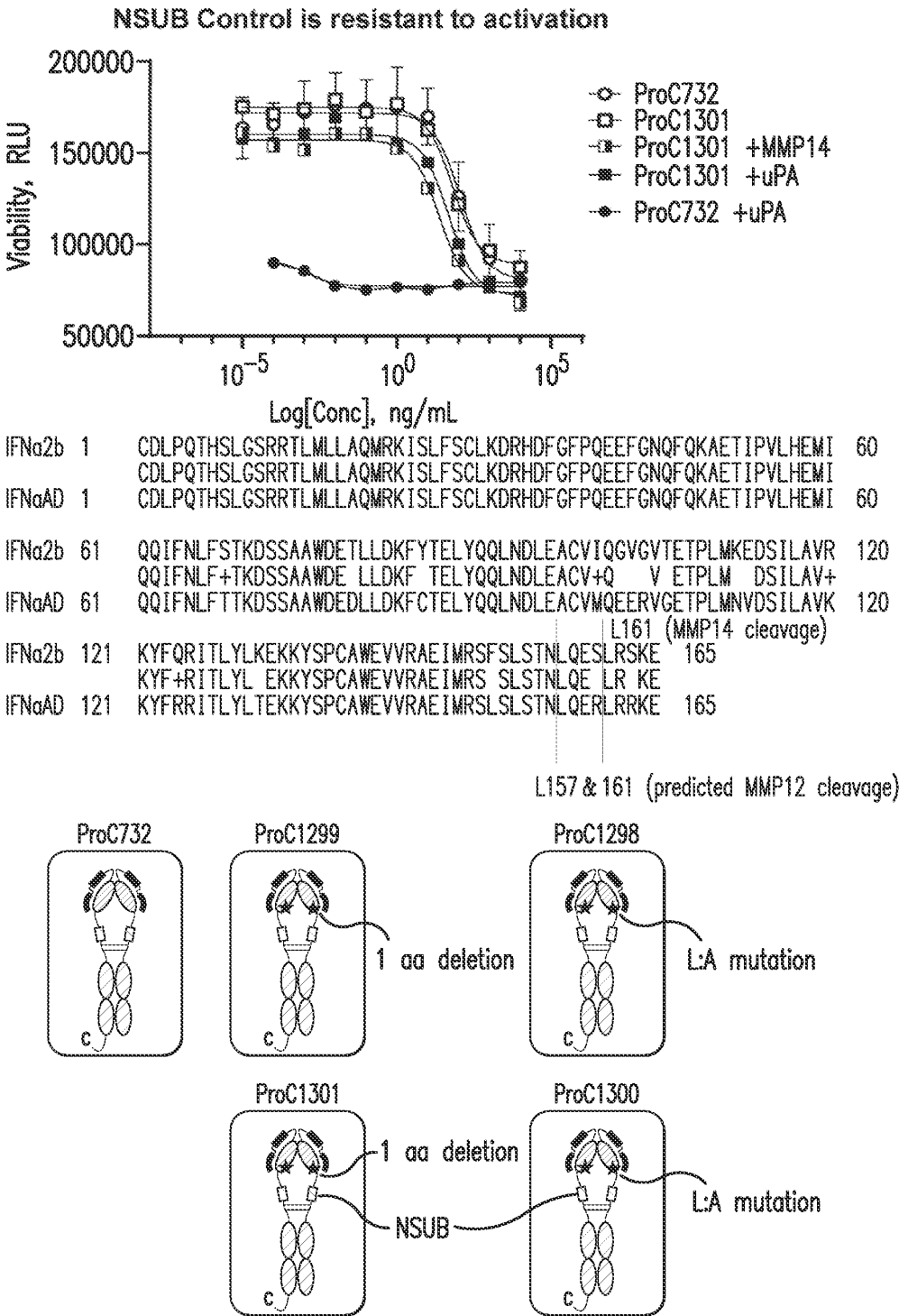


FIG. 35C

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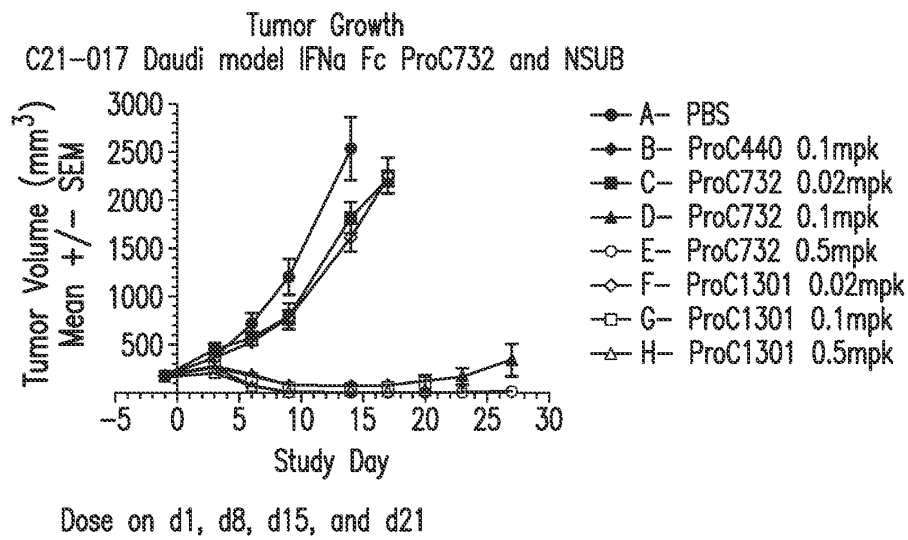


FIG. 36

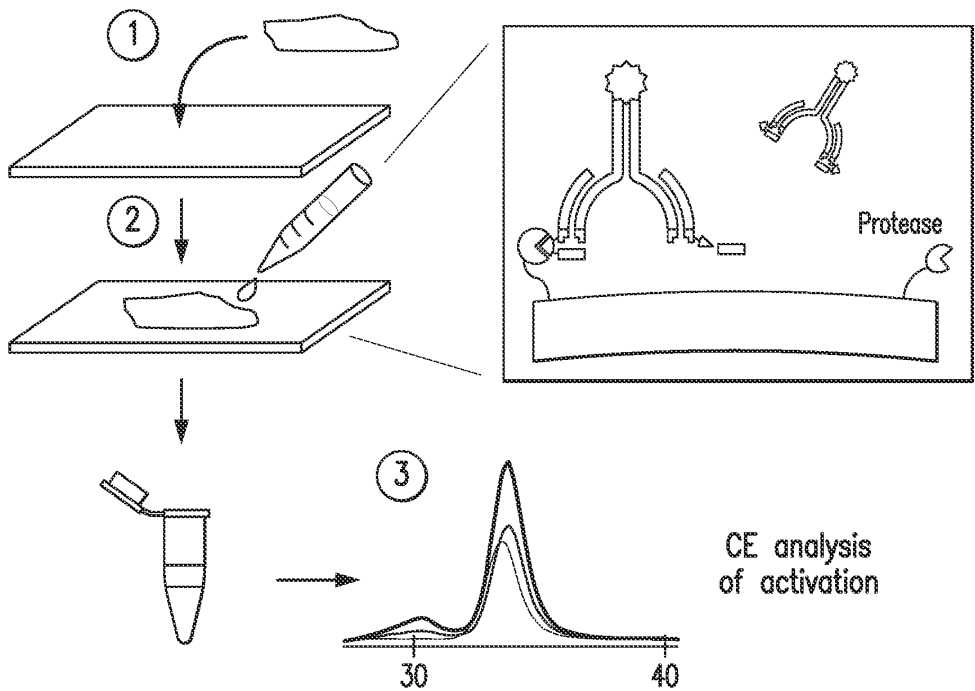


FIG. 37A

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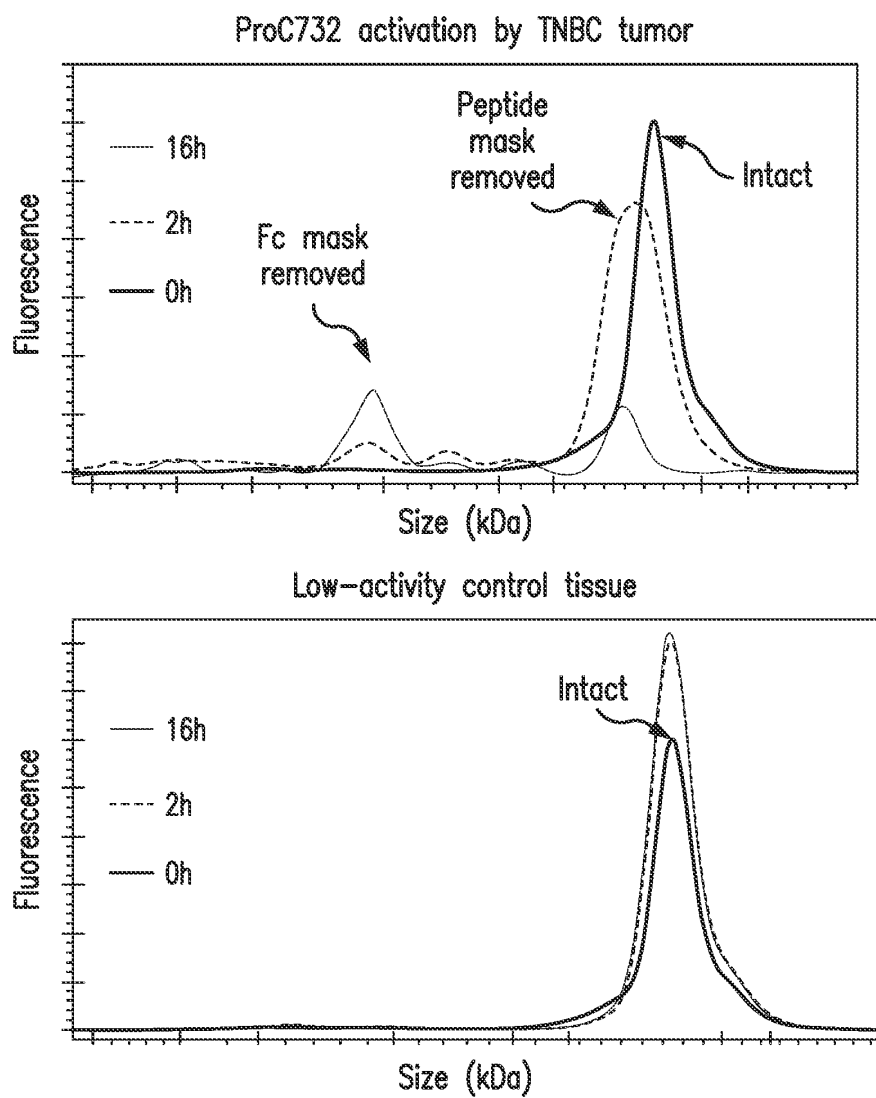


FIG. 37B

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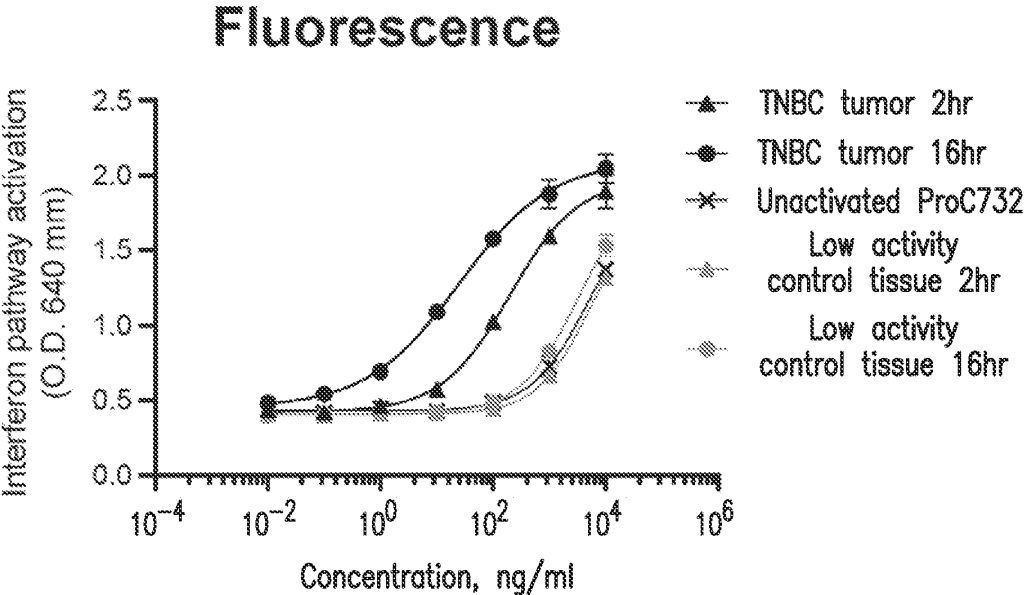


FIG. 37C

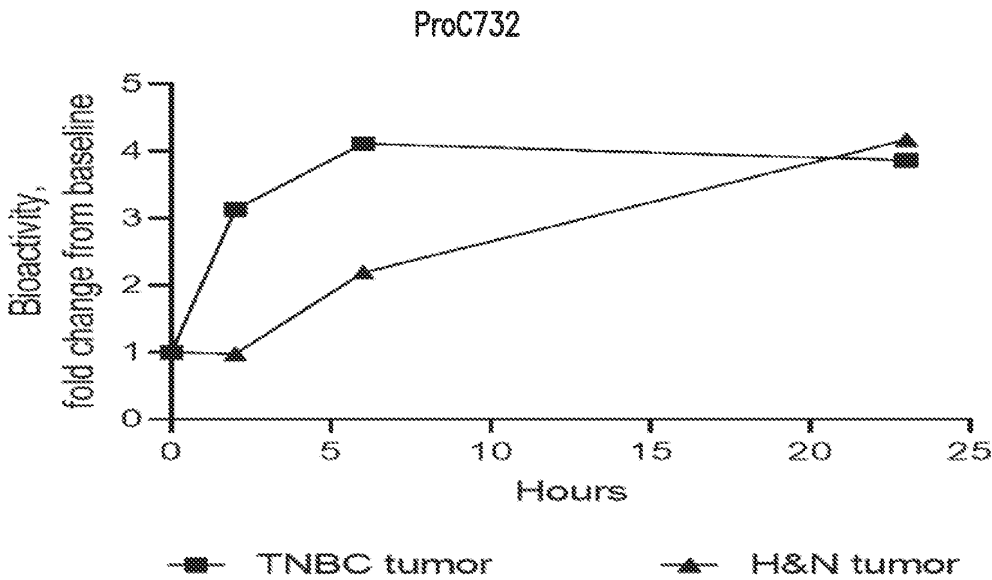


FIG. 38A

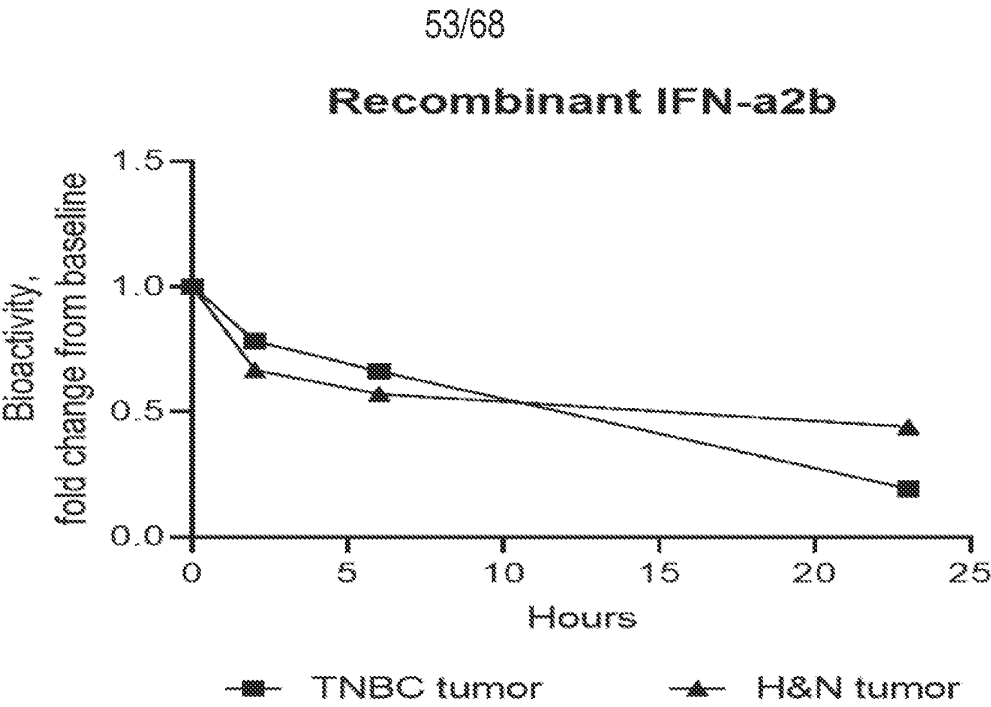


FIG. 38B

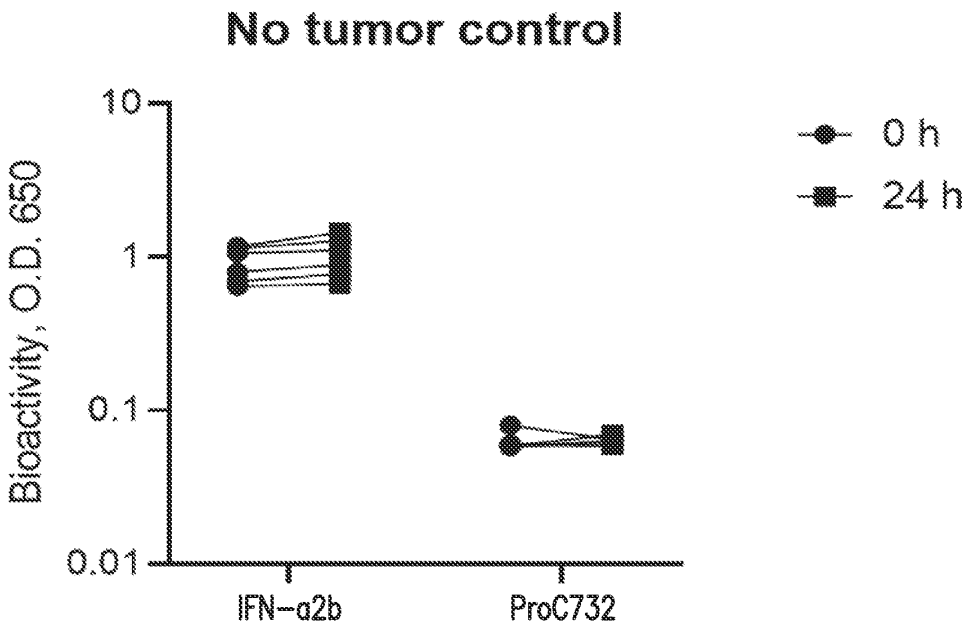


FIG. 38C

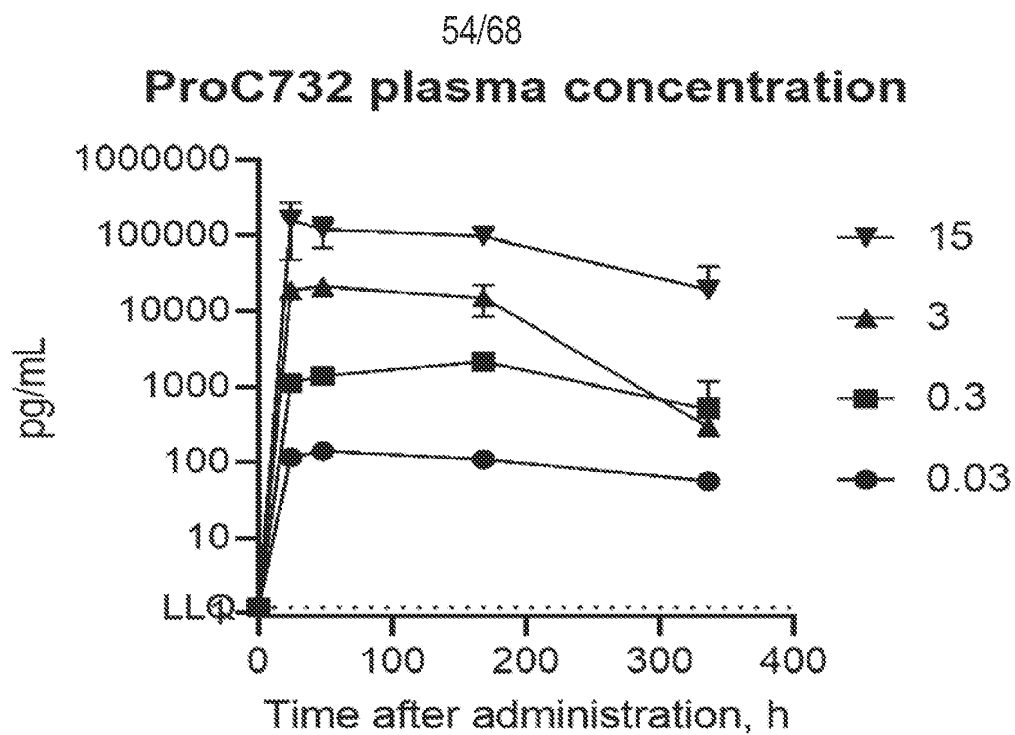


FIG. 39

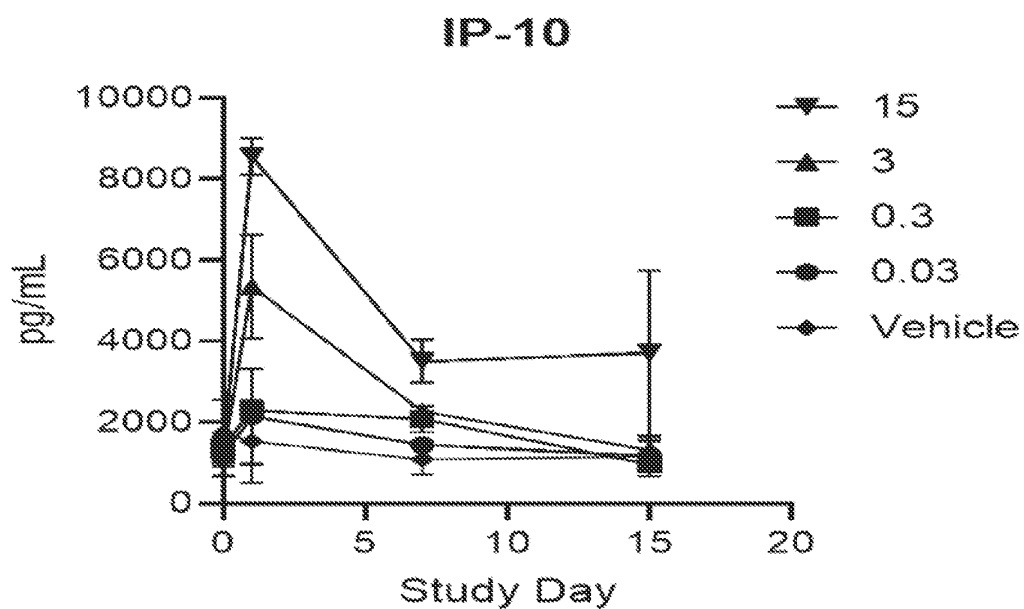


FIG. 40A

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Day 1 vs Day 7

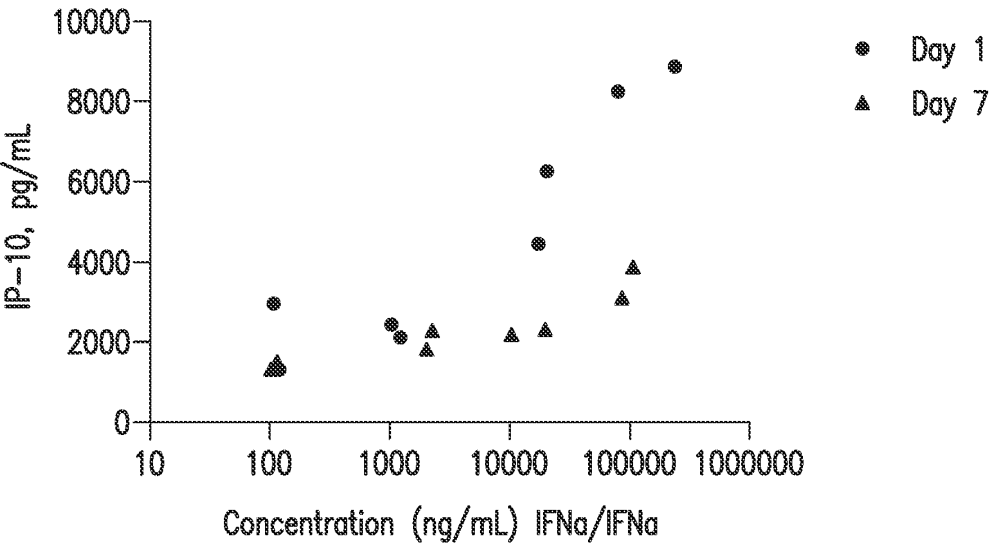


FIG. 40B

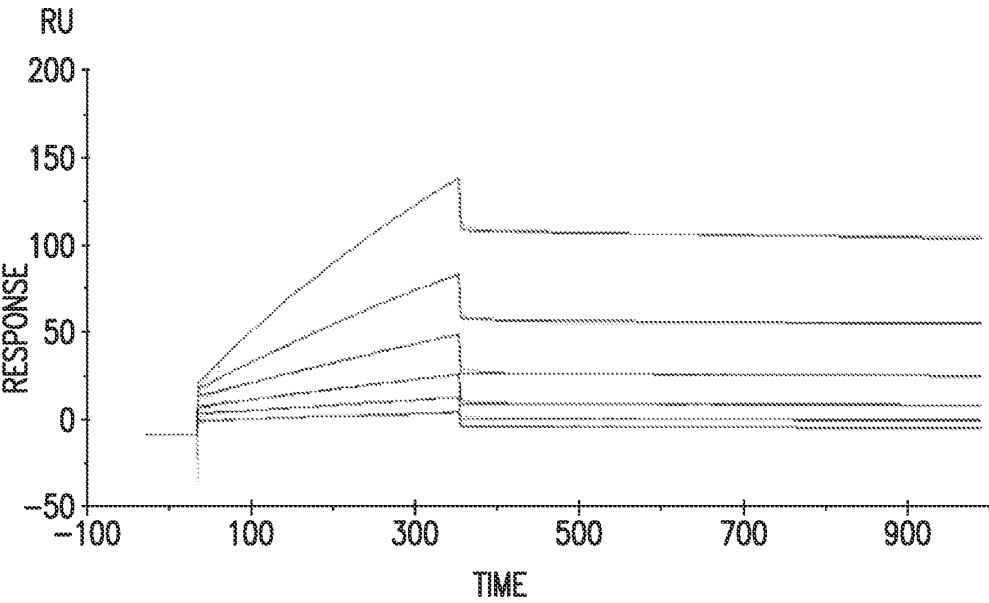


FIG. 41A

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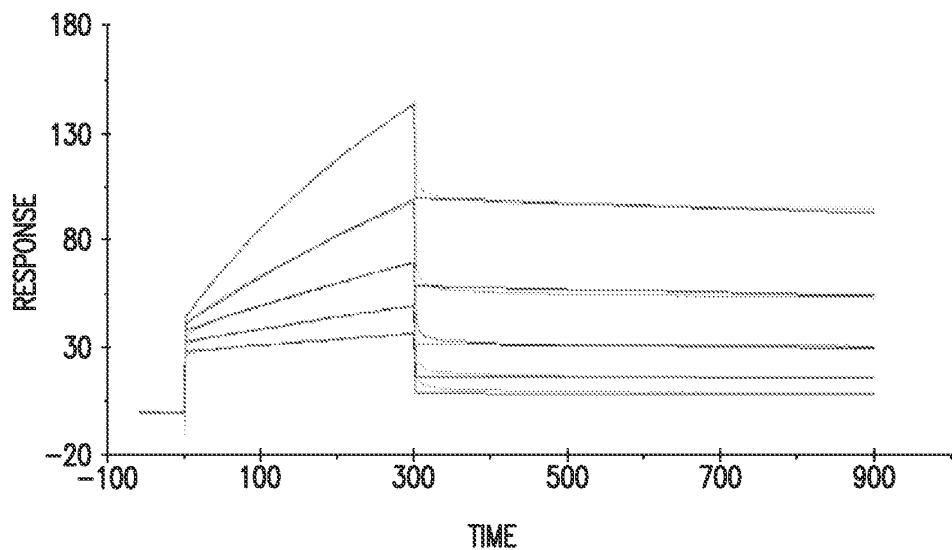


FIG. 41B

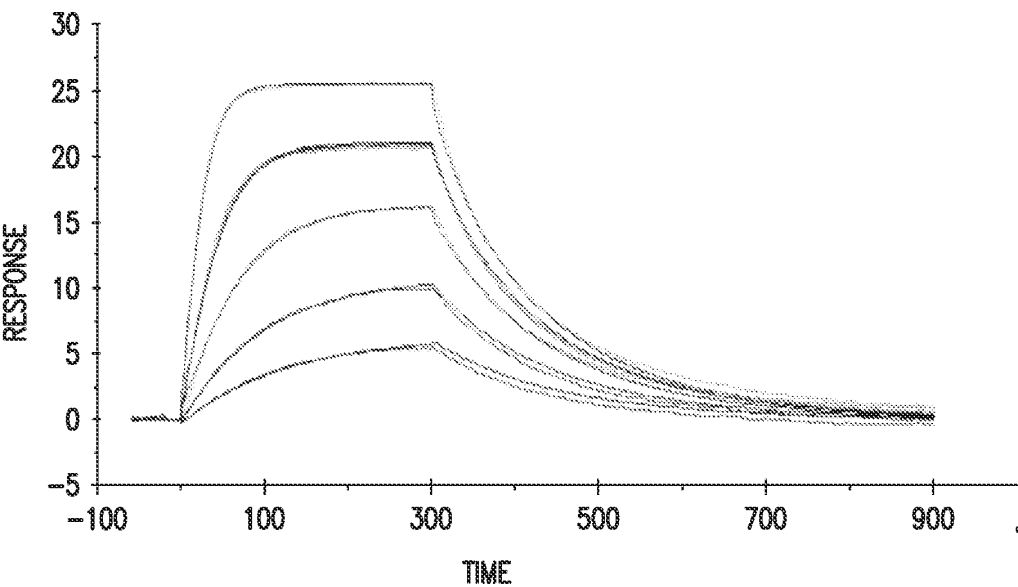


FIG. 41C

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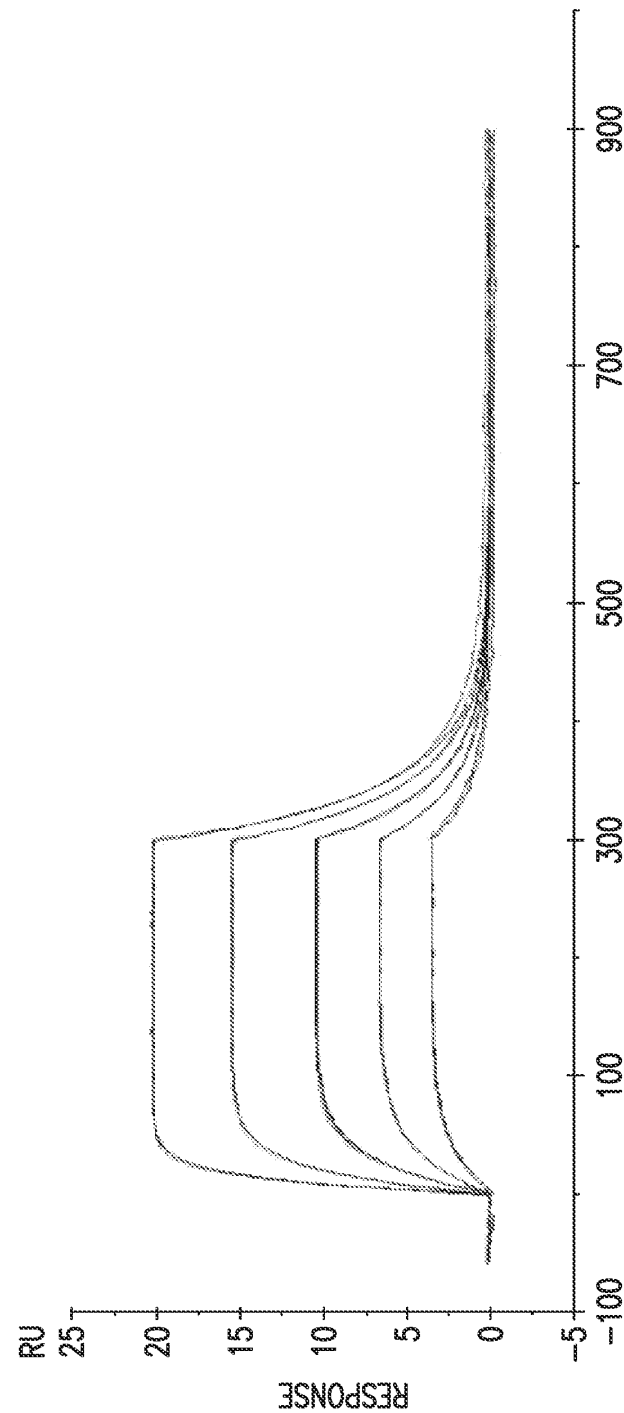


FIG. 41D

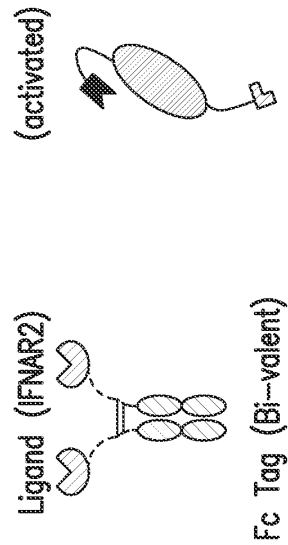
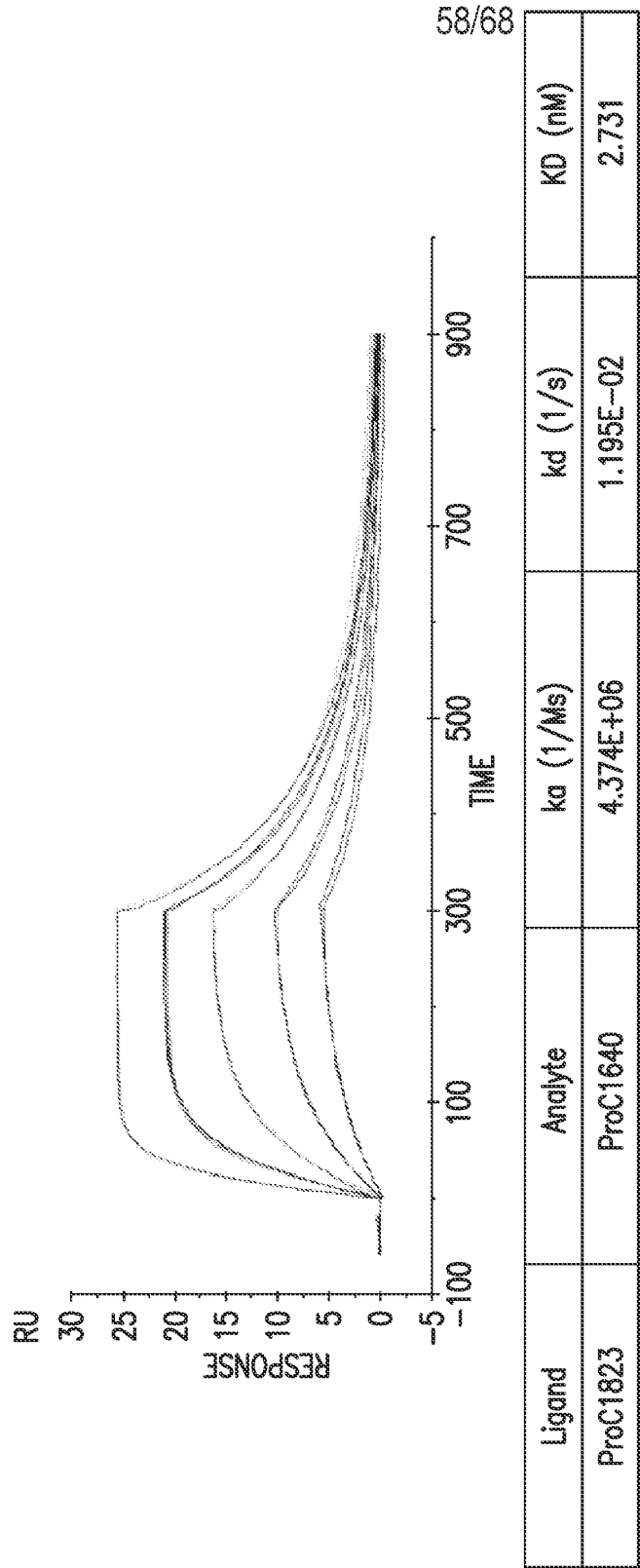


FIG. 42A

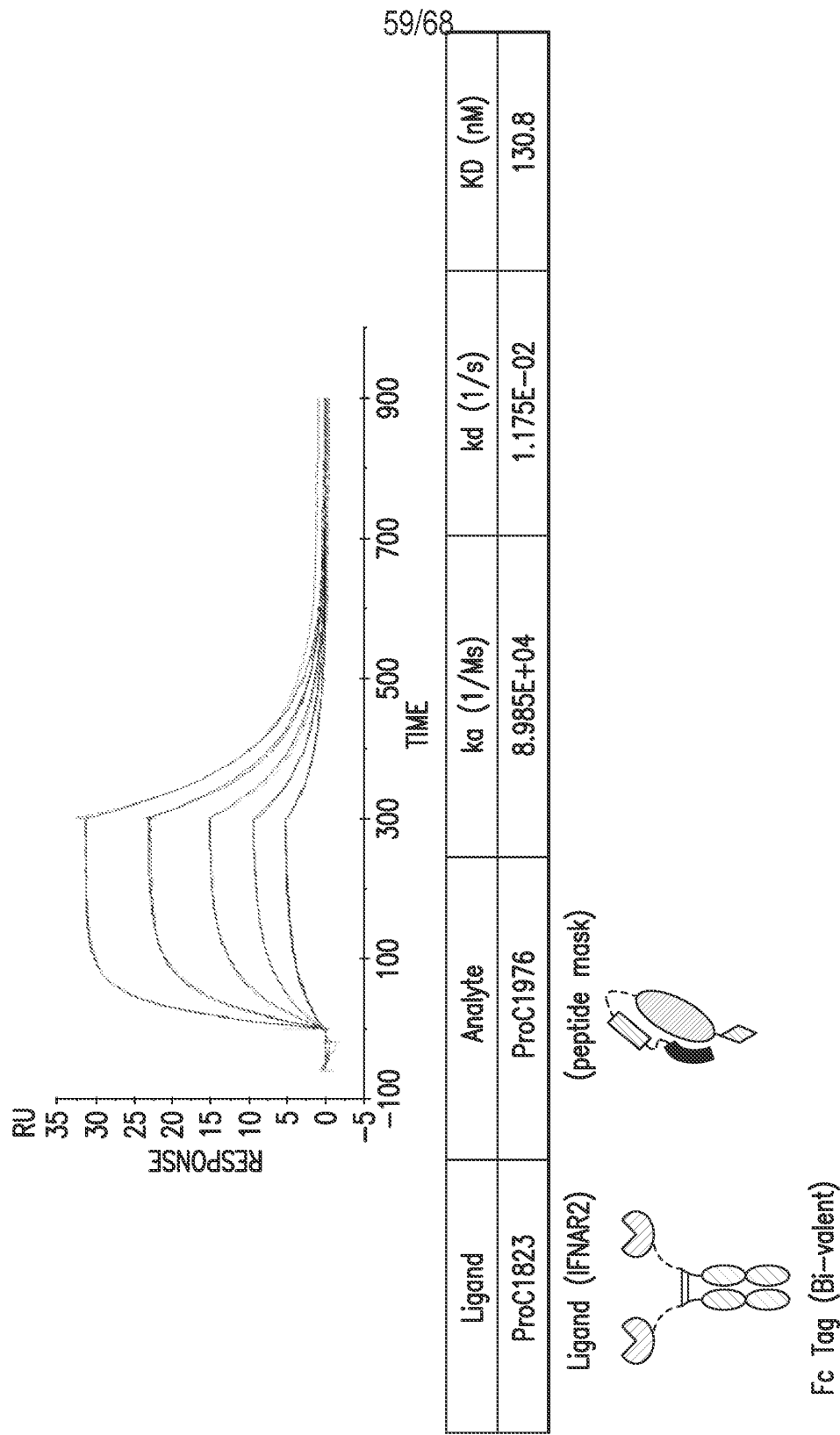
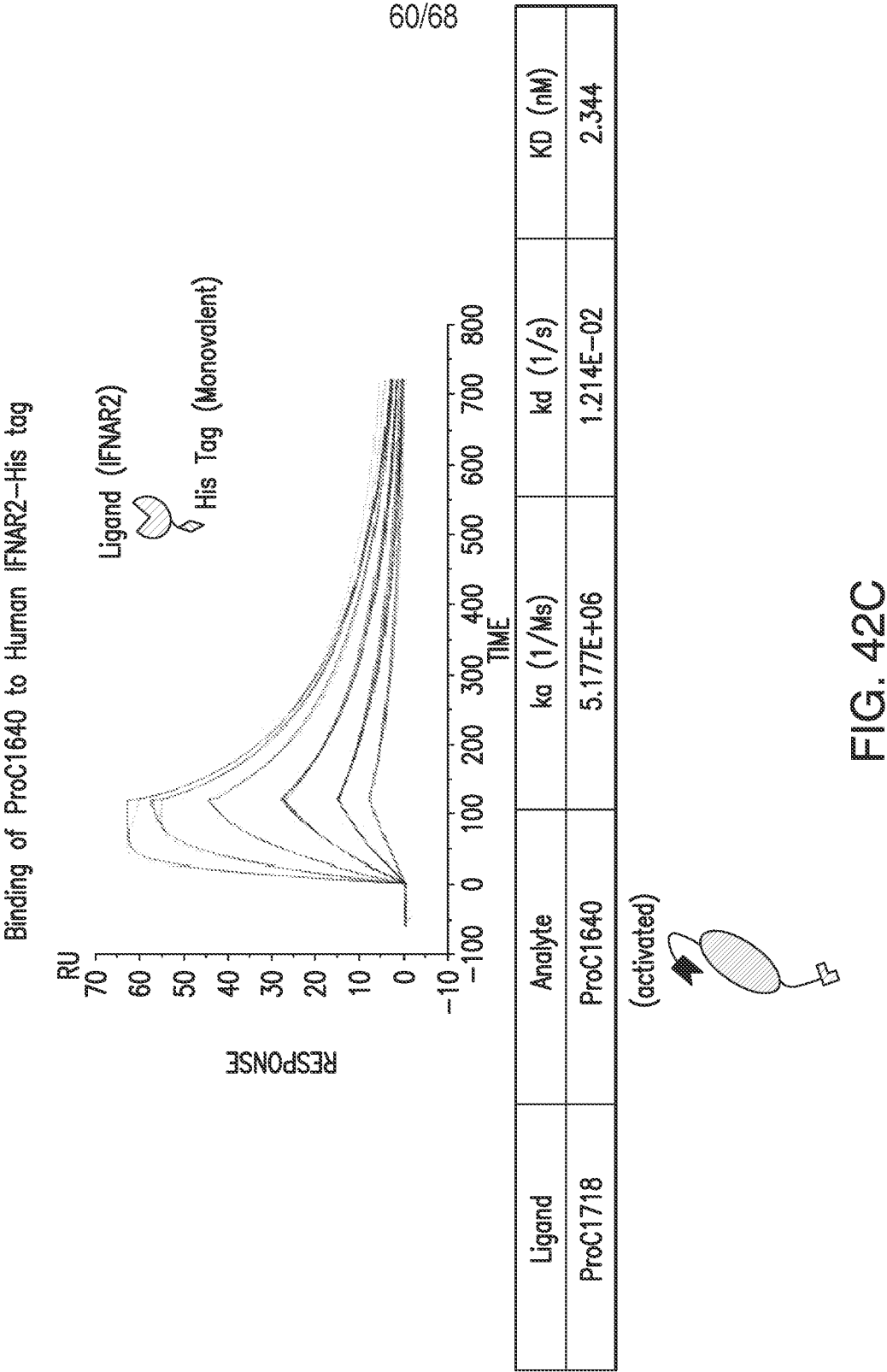
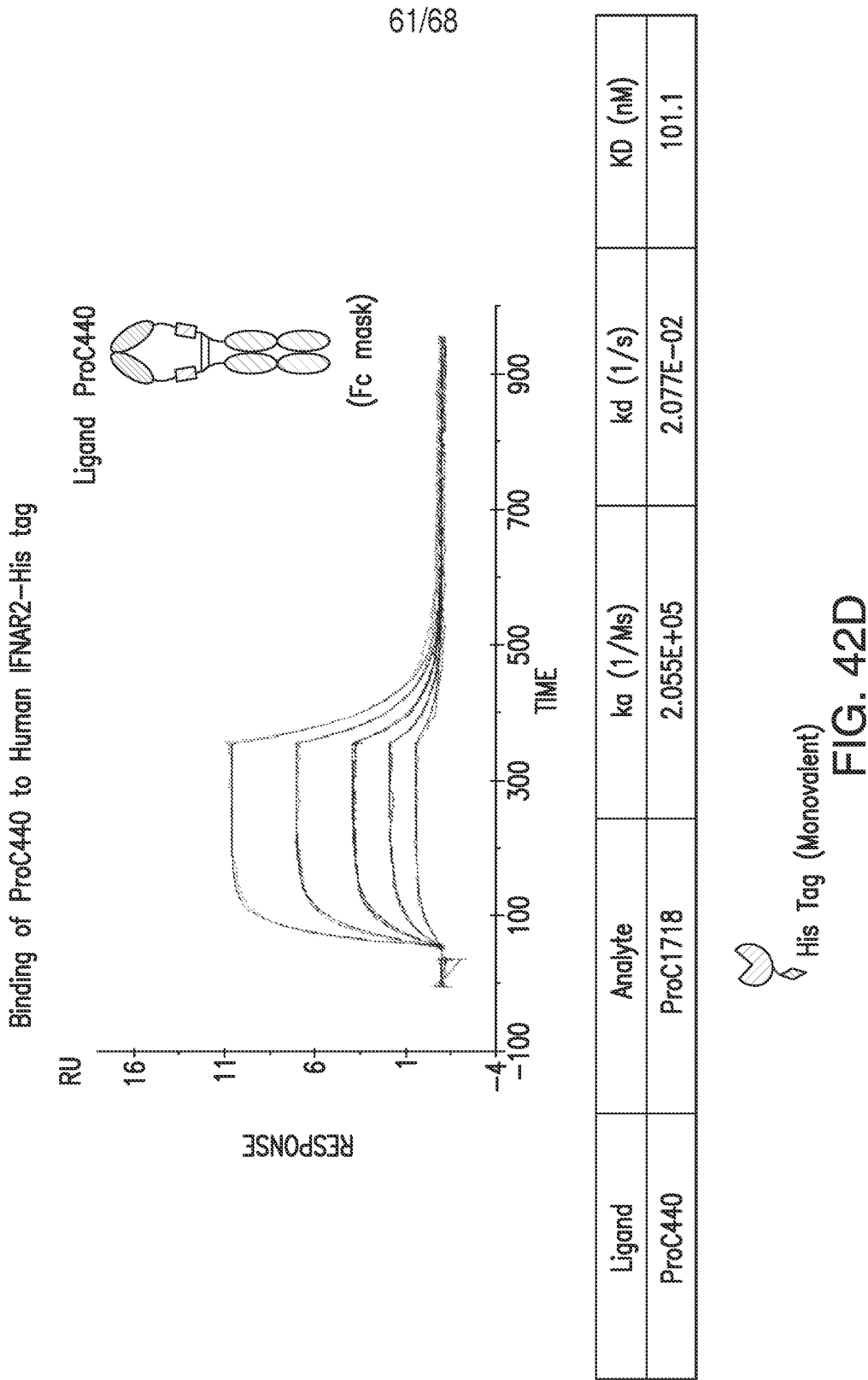


FIG. 42B





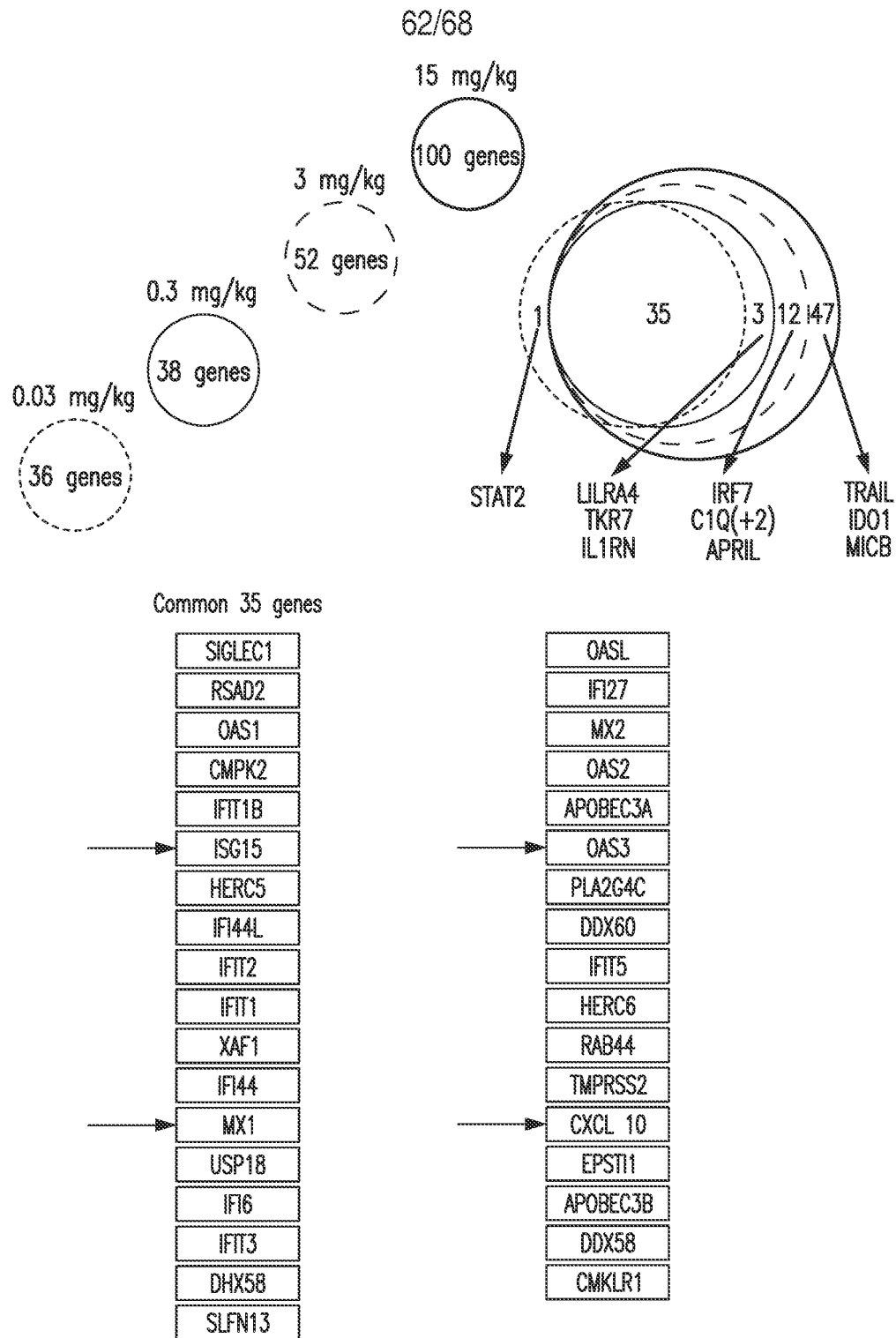


FIG. 43

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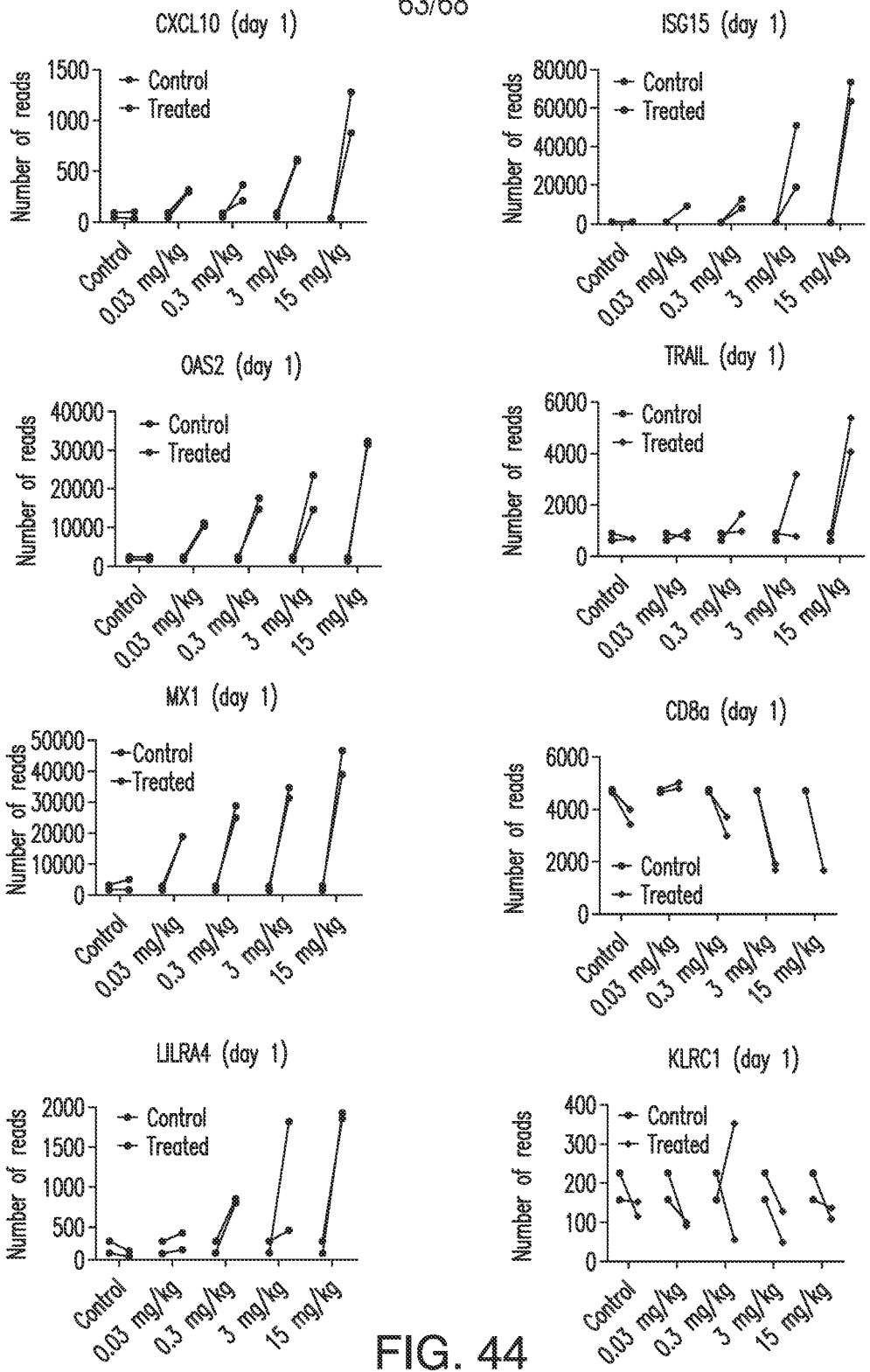


FIG. 44

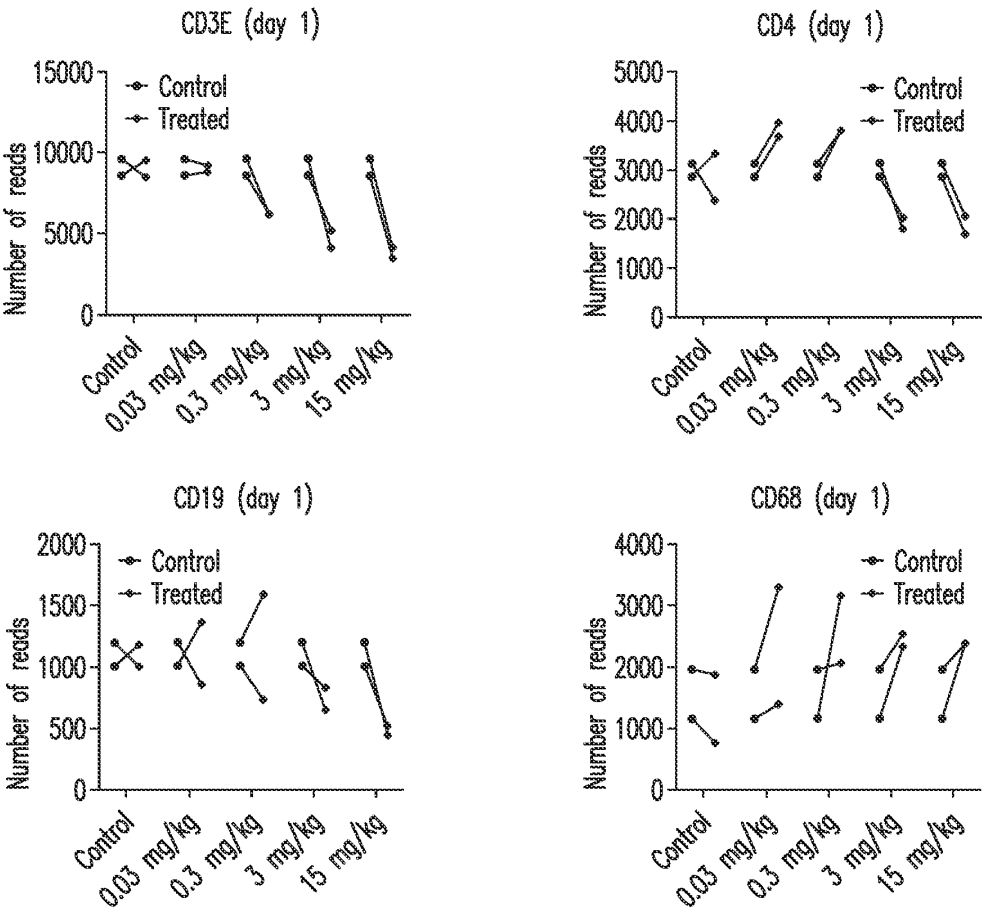


FIG. 44 (continued)

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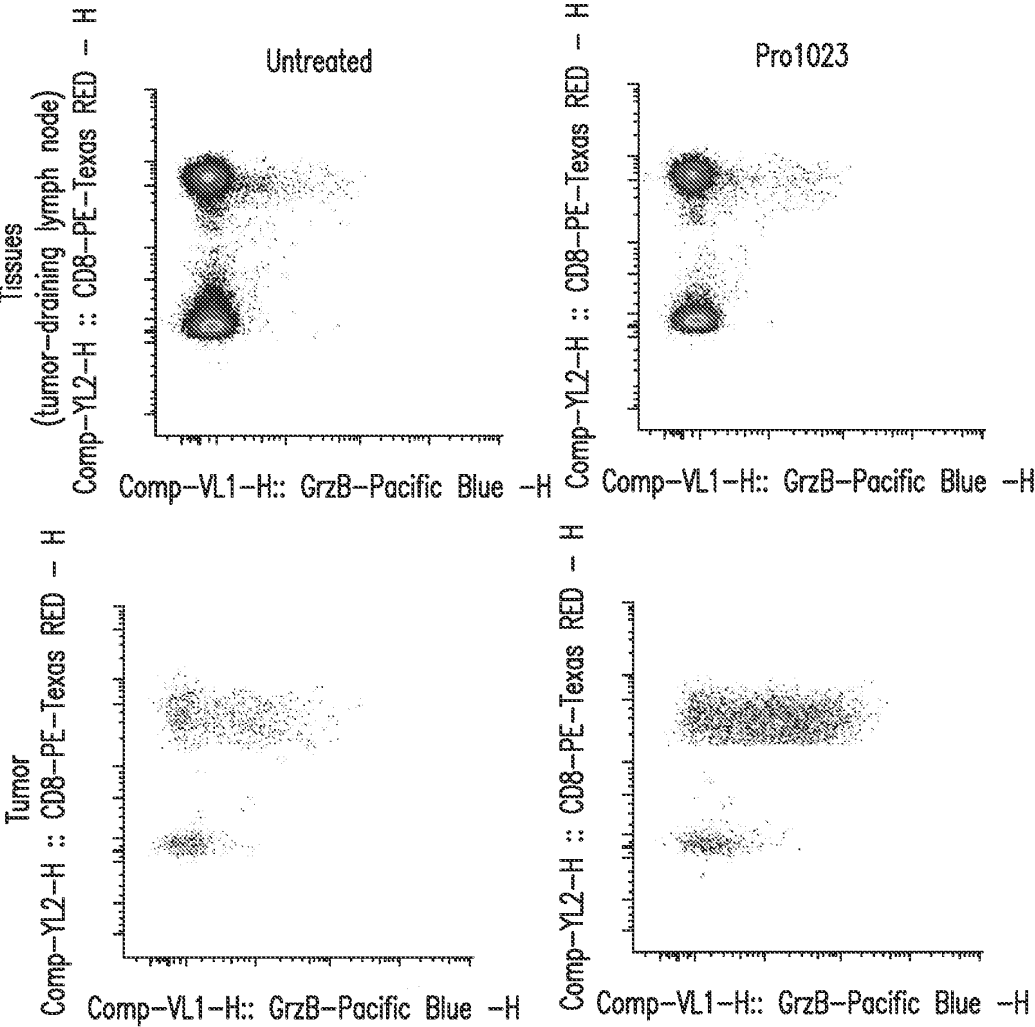


FIG. 45

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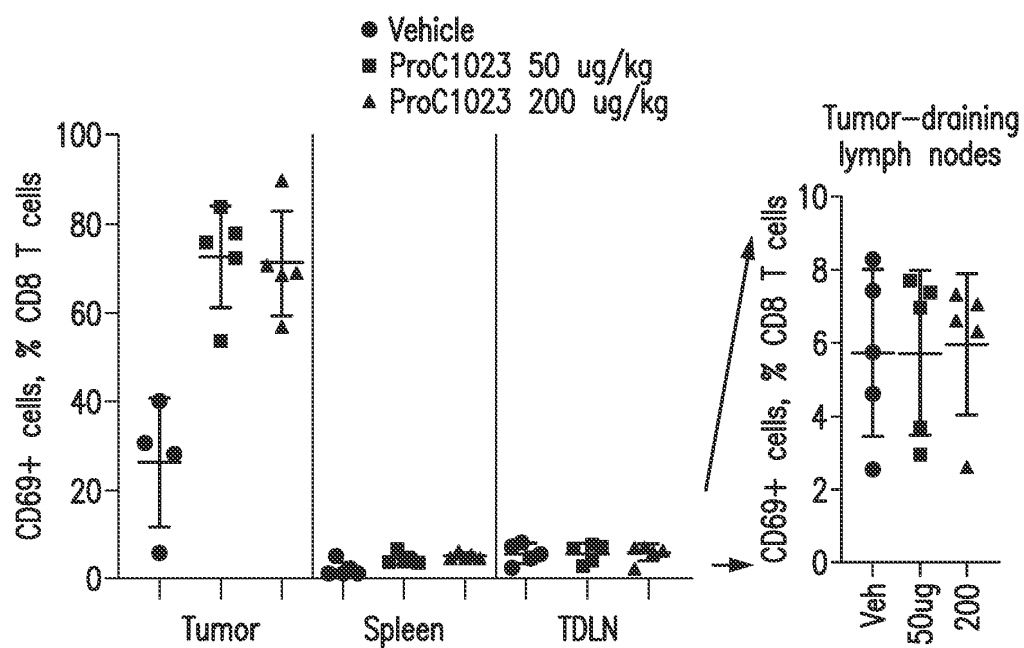


FIG. 45 (continued)

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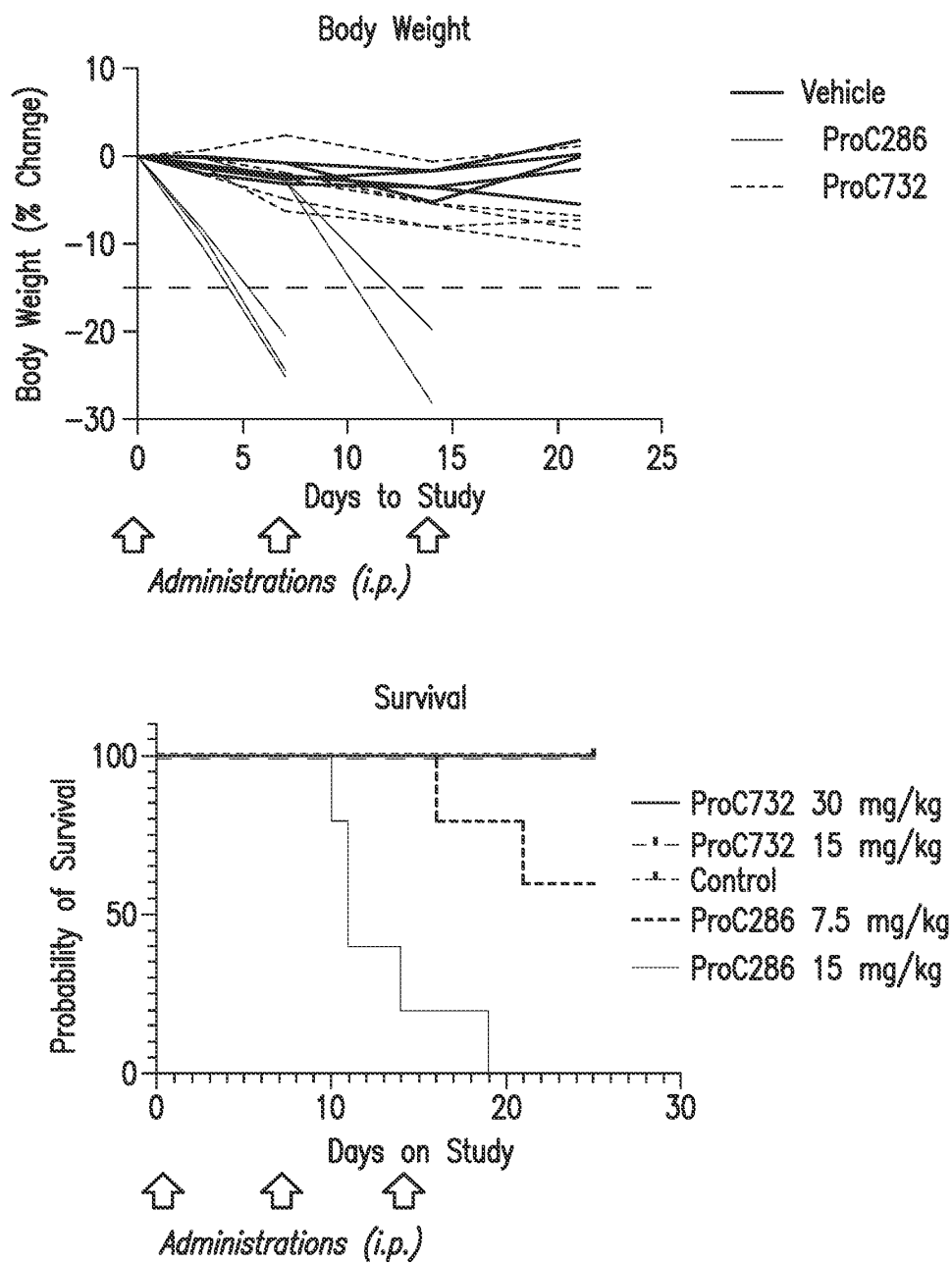


FIG. 46

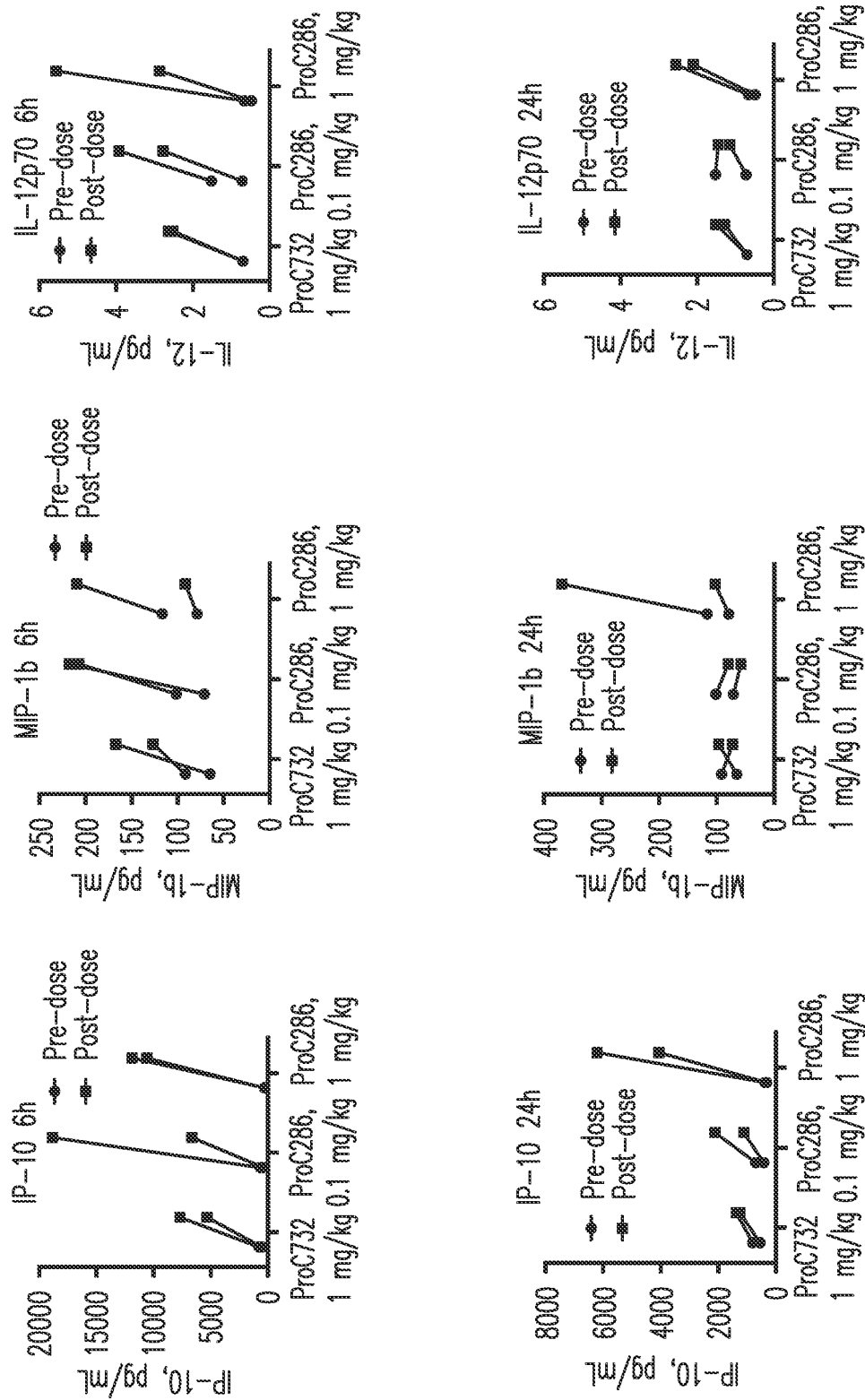


FIG. 47