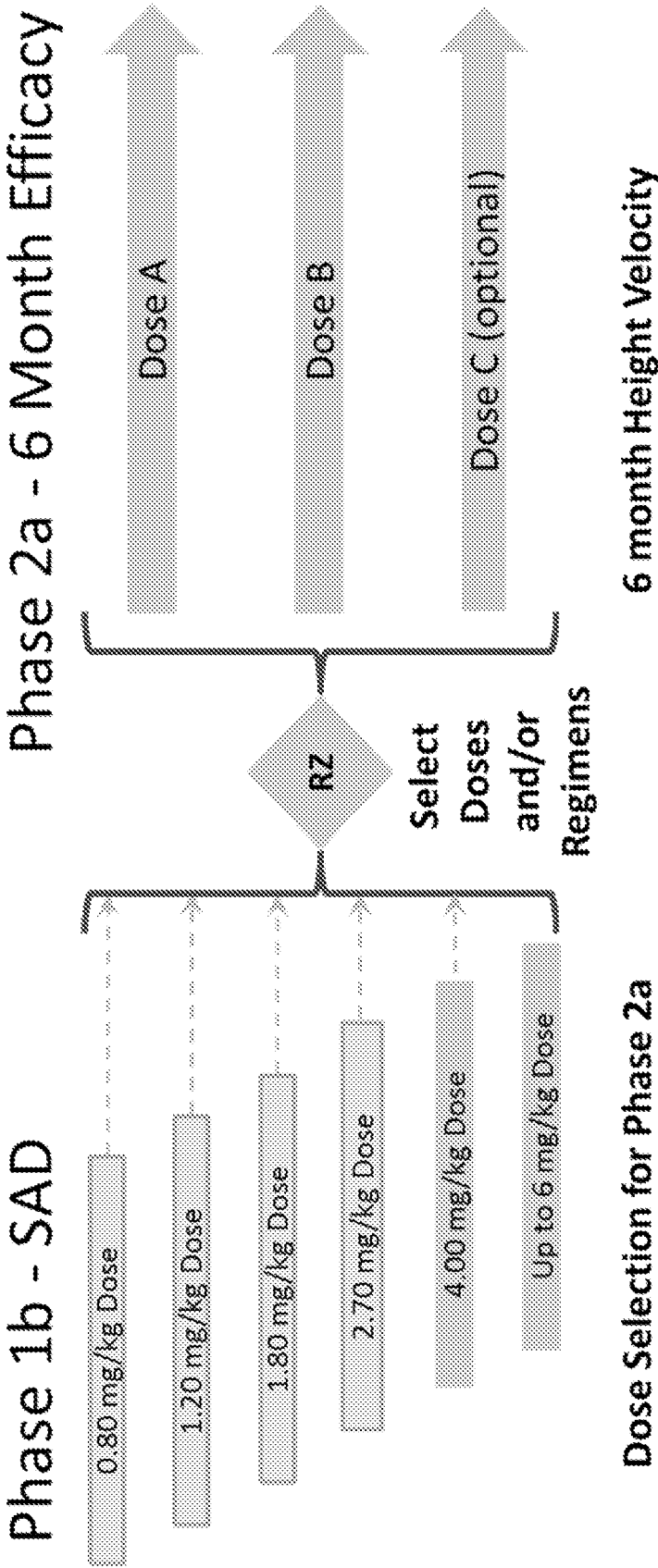


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FIG. 1

AEPAGSPTSTEEGTPGSGTASSSPGSSTPSGATGSPGASPGTSSTGSPGSPAGSPTSTEE
GTSESATPESGPGTSTEPSEGSAPGSPAGSPTSTEEGTSTEPSEGSAPGTSTEPSEGSAP
GTSESATPESGPGSEPATSGSETPGSEPATSGSETPGSPAGSPTSTEEGTSESATPESGP
GTSTEPSEGSAPGTSTEPSEGSAPGSPAGSPTSTEEGTSTEPSEGSAPGTSTEPSEGSAP
GTSESATPESGPGTSTEPSEGSAPGTSESATPESGPGSEPATSGSETPGTSTEPSEGSAP
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GSEPATSGSETPGTSESATPESGPGTSTEPSEGSAPGTSTEPSEGSAPGTSTEPSEGSAP
GTSTEPSEGSAPGTSTEPSEGSAPGTSTEPSEGSAPGSPAGSPTSTEEGTSTEPSEGSAP
GTSESATPESGPGSEPATSGSETPGTSESATPESGPGSEPATSGSETPGTSESATPESGP
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GSEPATSGSETPGTSESATPESGPGTSTEPSEGSAPGSPAGSPTSTEEGTSESATPESGP
GSEPATSGSETPGTSESATPESGPGSPAGSPTSTEEGSPAGSPTSTEEGTSTEPSEGSAP
GTSESATPESGPGTSESATPESGPGTSESATPESGPGSEPATSGSETPGSEPATSGSETP
GSPAGSPTSTEEGTSTEPSEGSAPGTSTEPSEGSAPGSEPATSGSETPGTSESATPESGP
GTSTEPSEGSAPG**FPTIPLSRLFDNAMLRAHRLHQLAFDTYQEFEEAYIPKEQKYSFLQN**
PQTSLCFSES IPTPSNREETQQKSNLELLRISLLLIQSWLEPVQFLRSVFANSLVYGASD
SNVYDLLKDLEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNSHND DALLKNYGLLYCFR
KDMDKVETFLRIVQCRSVEGSCGFGGTSESATPESGPGTSTEPSEGSAPGTSTEPSEGS
PGTSESATPESGPGTSTEPSEGSAPGTSTEPSEGSAPGTSESATPESGPGTSTEPSEGS
PGTSTEPSEGSAPGTSTEPSEGSAPGSPAGSPTSTEEGTSTEPSEGSAPG (SEQ ID
NO:1)

FIG. 2



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FIG. 3

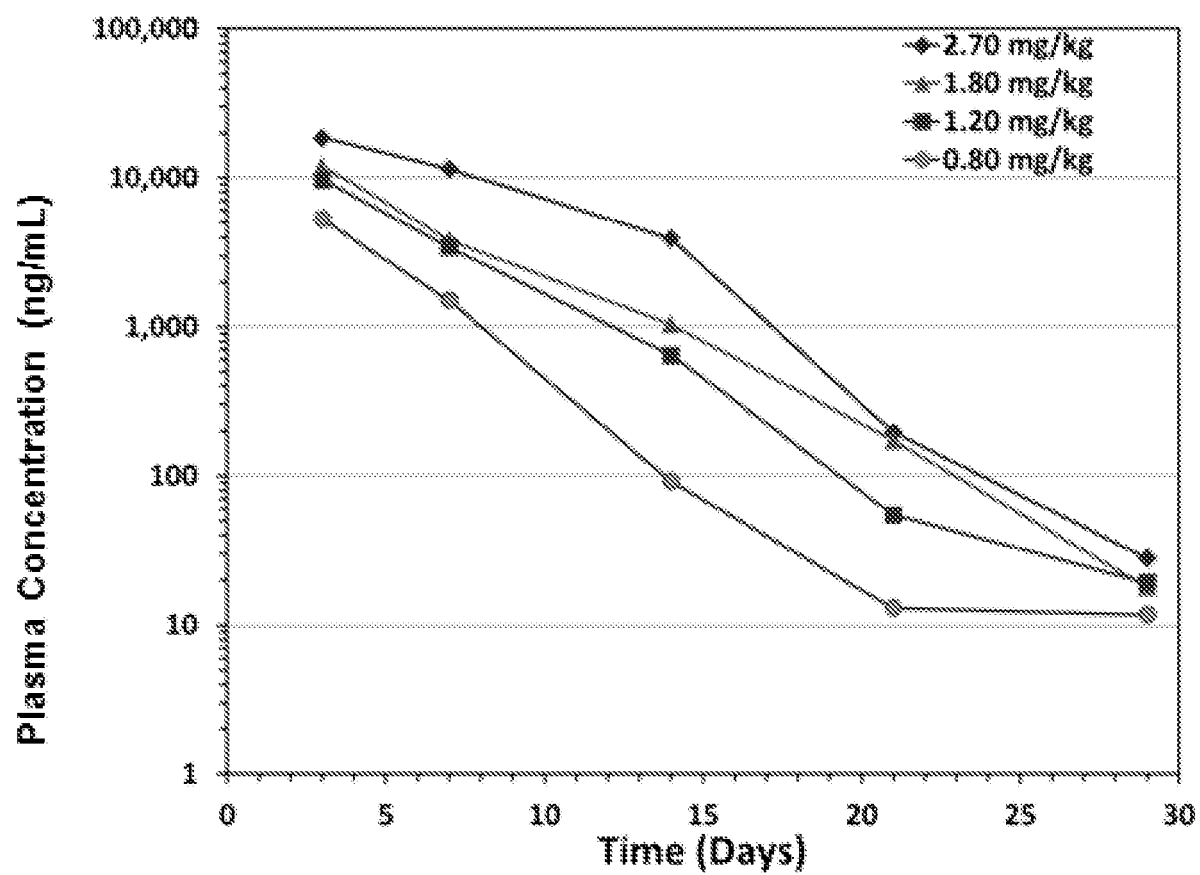
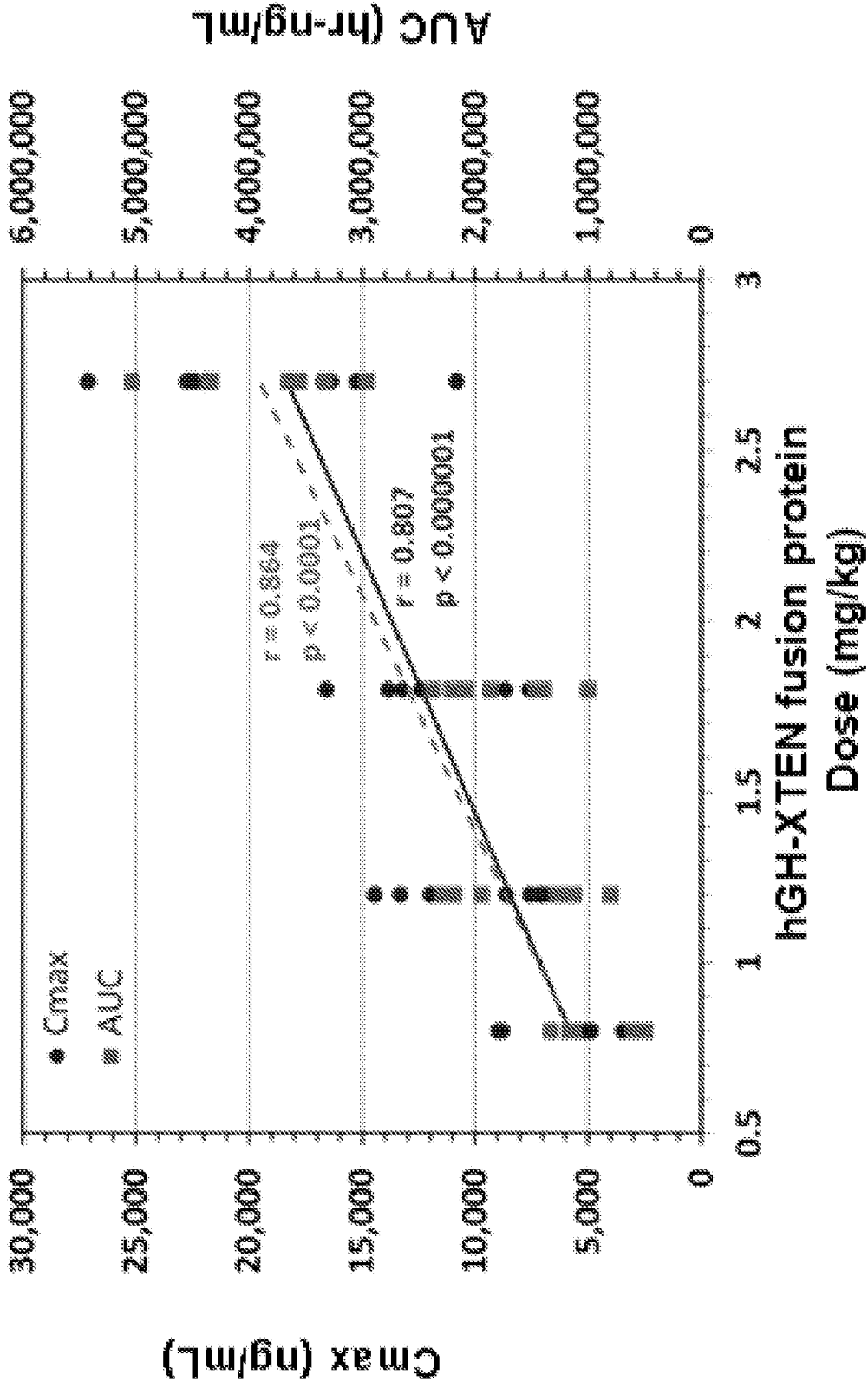


FIG. 4



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FIG. 5

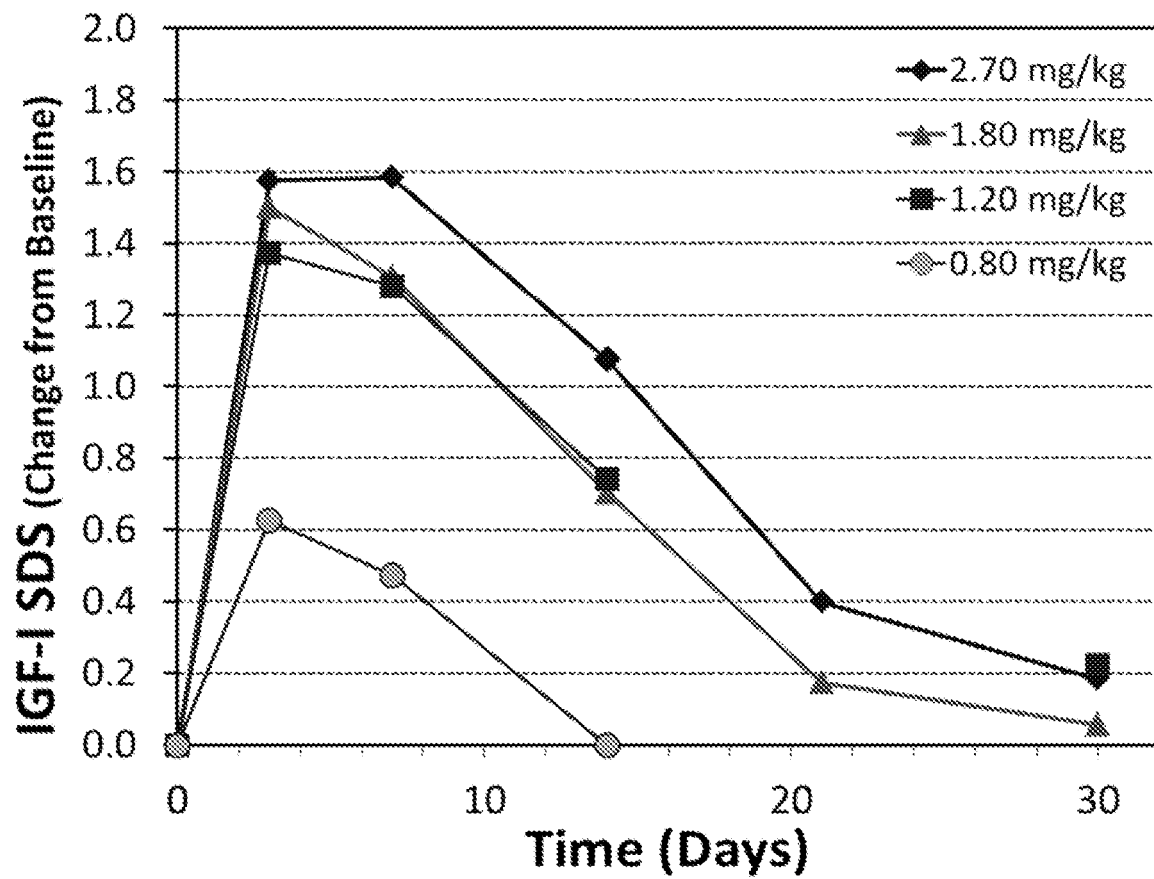


FIG. 6

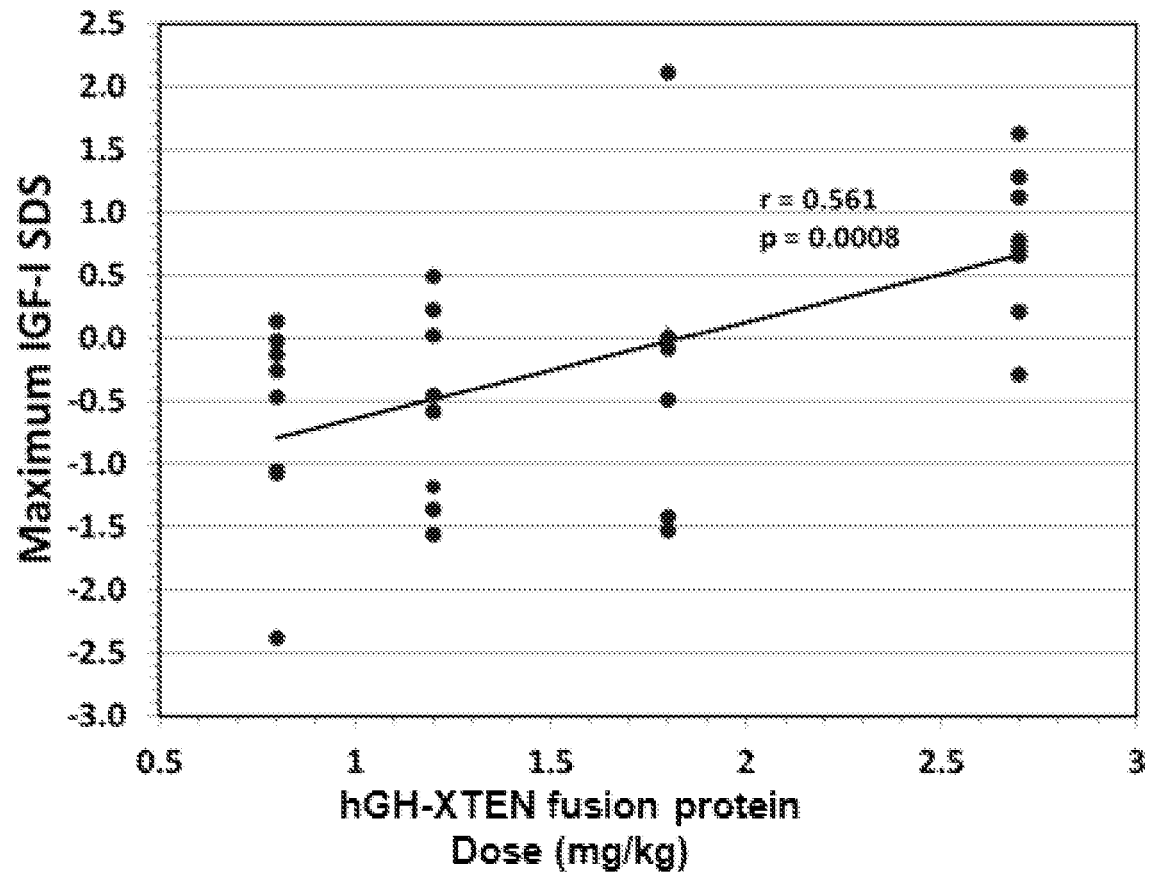
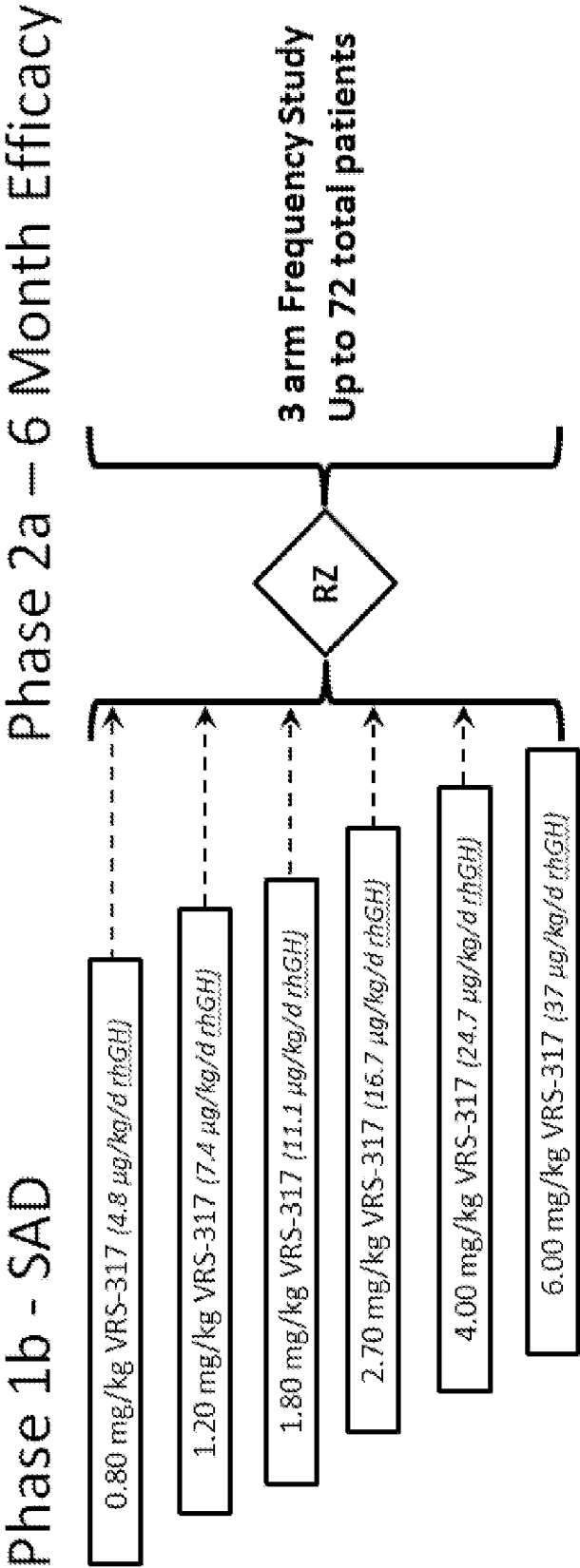


FIG. 7



Dose Selection for Phase 2a
Complete with 48 total patients

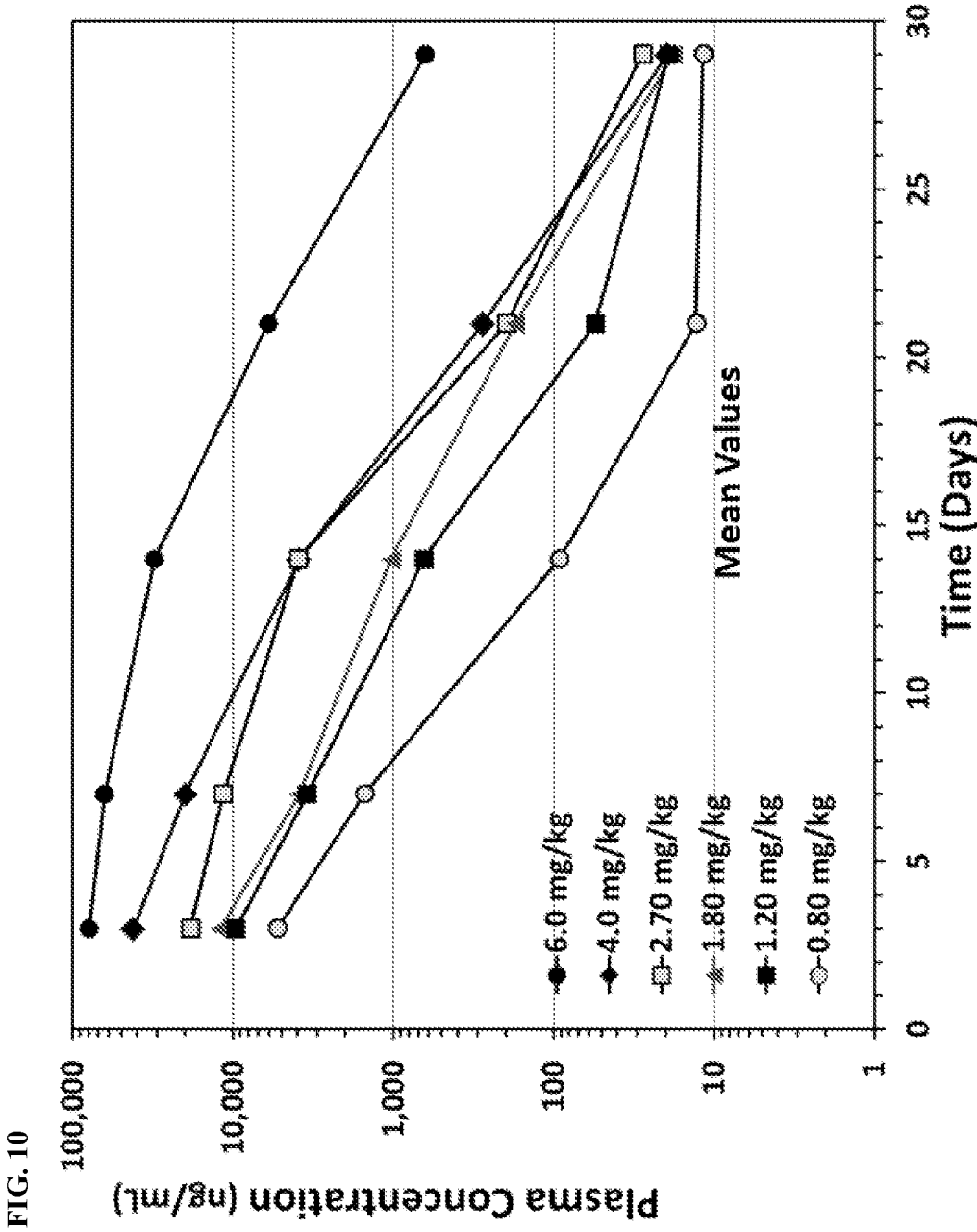
FIG. 8

Numerical values are means (SD)

	hGH-XTEN fusion protein Dose					
	0.8 mg/kg	1.2 mg/kg	1.8 mg/kg	2.7 mg/kg	4.0 mg/kg	6.0 mg/kg
# Subjects	8	8	8	8	8	8
Age	7.1 (1.8)	7.0 (2.2)	7.6 (2.1)	7.6 (2.7)	7.0 (2.8)	6.7 (1.9)
Gender (M/F)	3/5	5/3	7/1	6/2	4/4	2/6
Height-SDS	-2.6 (0.8)	-2.8 (0.7)	-2.8 (0.4)	-2.6 (0.3)	-2.6 (0.9)	-2.8 (0.3)
BMI (kg/m ²)	15.4 (1.4)	15.4 (1.3)	16.1 (1.8)	15.3 (1.1)	16.0 (2.2)	16.0 (2.2)
IGF-I SDS	-1.8 (0.7)	-1.7 (0.6)	-1.8 (0.8)	-1.6 (0.3)	-2.0 (0.9)	-1.7 (0.6)
Screening						
GH _{max} (ng/mL) (stim test)	5.4 (3.6)	4.8 (2.2)	5.6 (3.3)	6.8 (2.0)	5.1 (3.4)	4.9 (2.4)

FIG. 9

	hGH-XTEN fusion protein Dose					
Event	0.80 mg/kg (n = 8)	1.20 mg/kg (n = 8)	1.80 mg/kg (n = 8)	2.70 mg/kg (n = 8)	4.00 mg/kg (n = 8)	6.00 mg/kg (n = 8)
# Subjects, any AE	1	3	3	5	6	6
Injection Site Discomfort	1	1	3	3	4	5
Erythema at injection site	0	1	0	0	1	0
Headache	0	0	1	1	0	2
Dizziness	0	0	1	0	0	0
Malaise	0	0	1	0	0	0
Myalgia	0	0	0	1	0	0
Arthralgia	0	0	0	1	0	1
Sore Extremities	0	0	0	1	1	1
Increased Appetite	0	0	0	1	1	0
Pruritic Rash	0	1	0	0	0	0



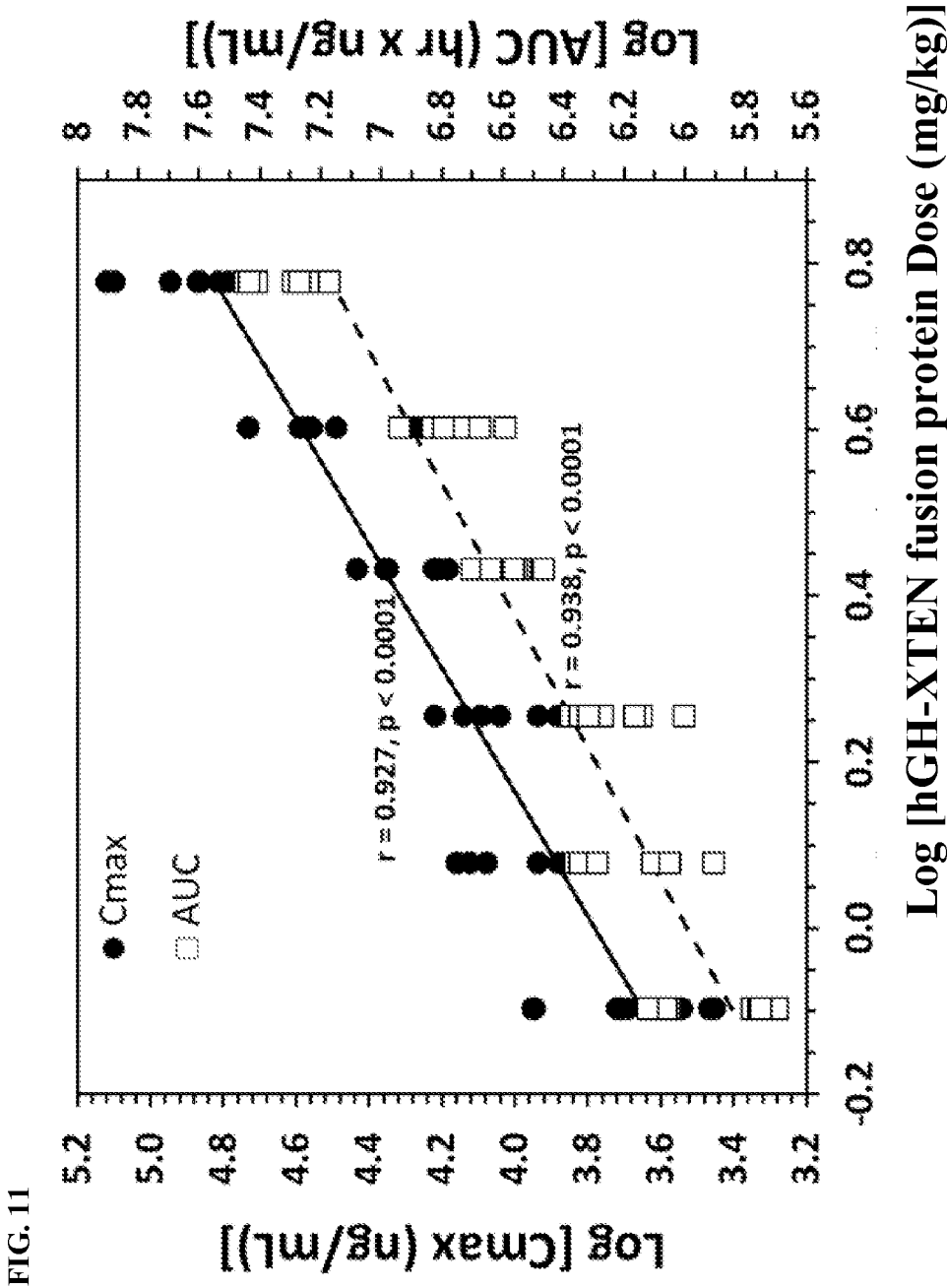
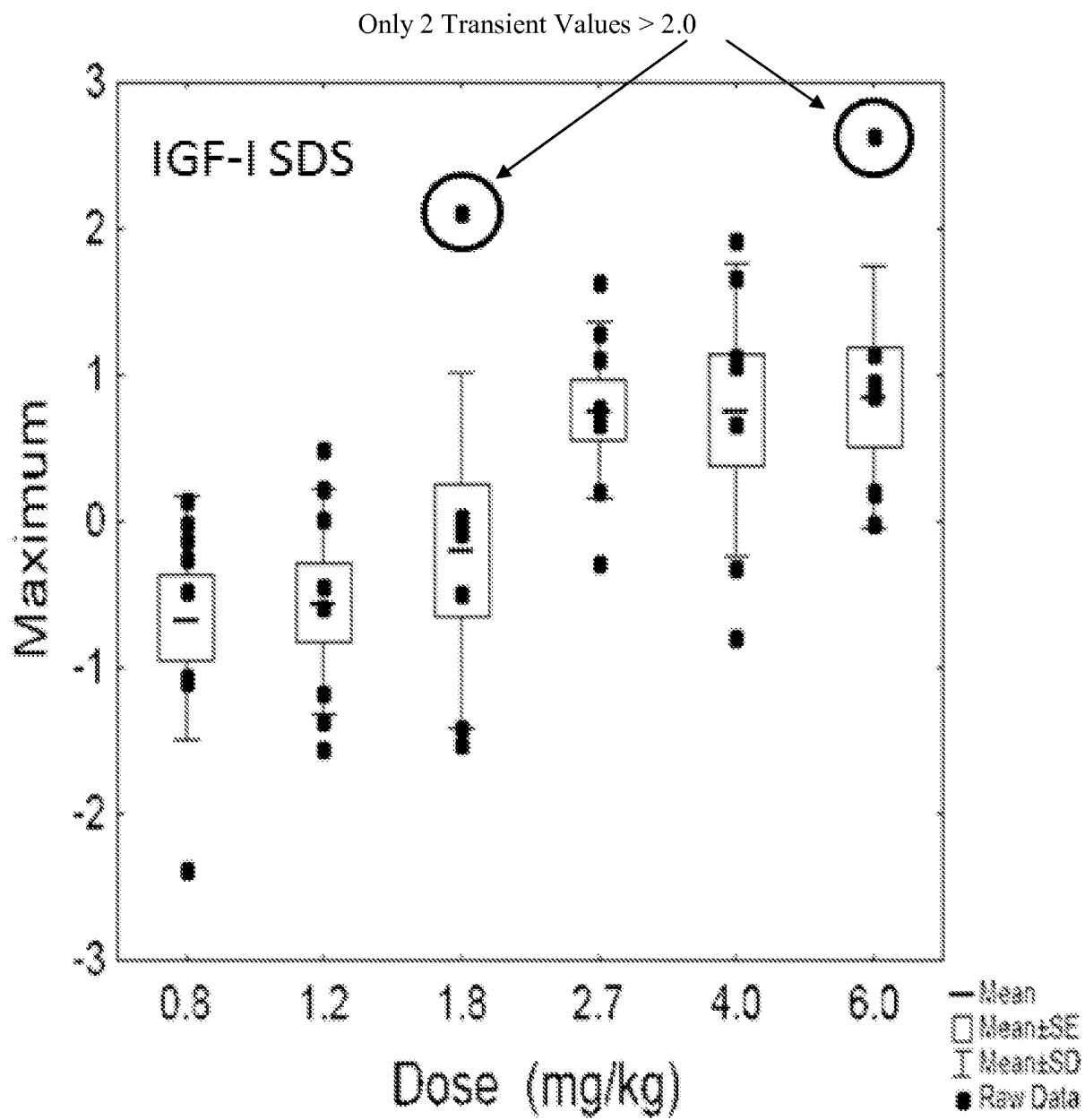


FIG. 12A



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FIG. 12B

Higher Doses Achieve Max Change

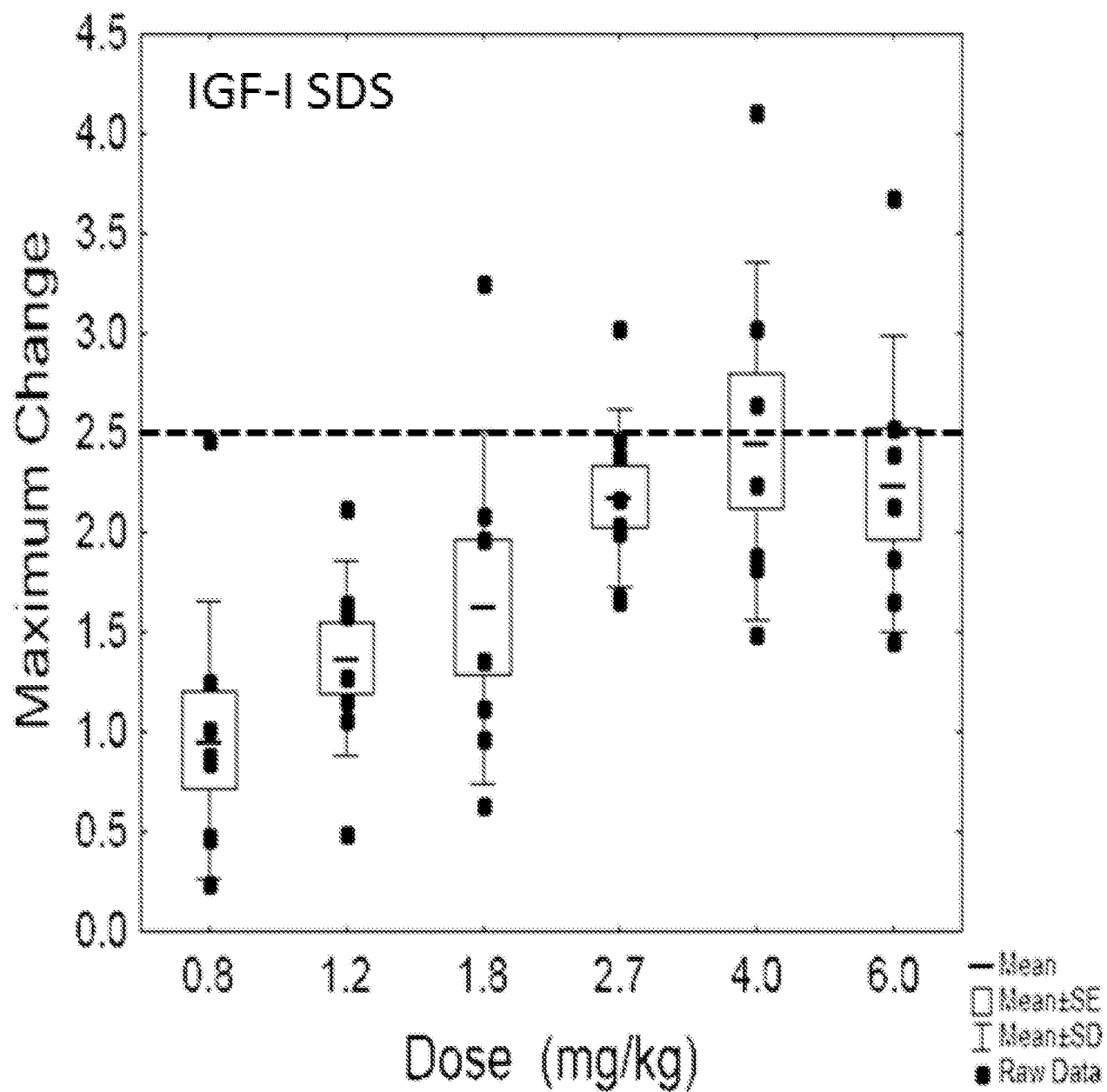


FIG. 13A

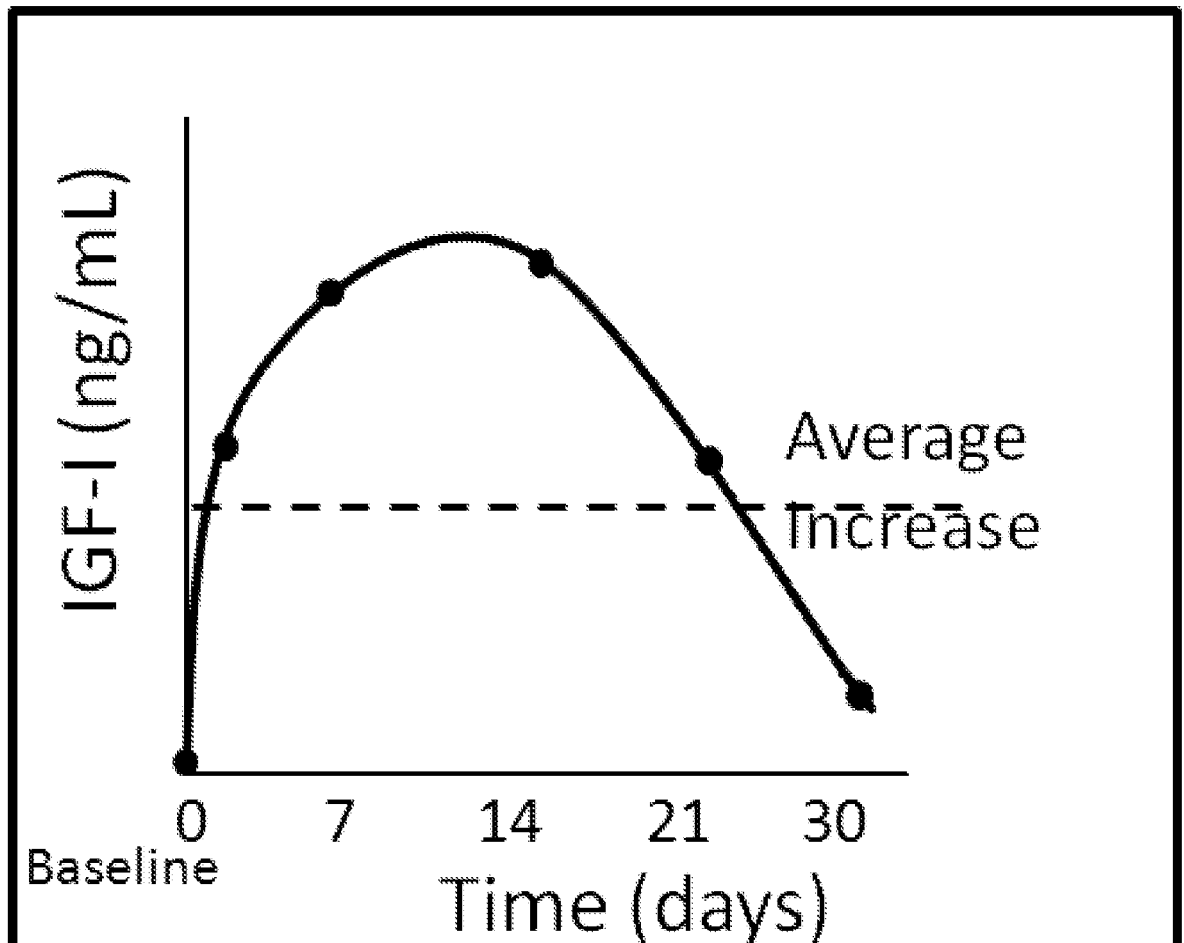
Methodology Example

FIG. 13B

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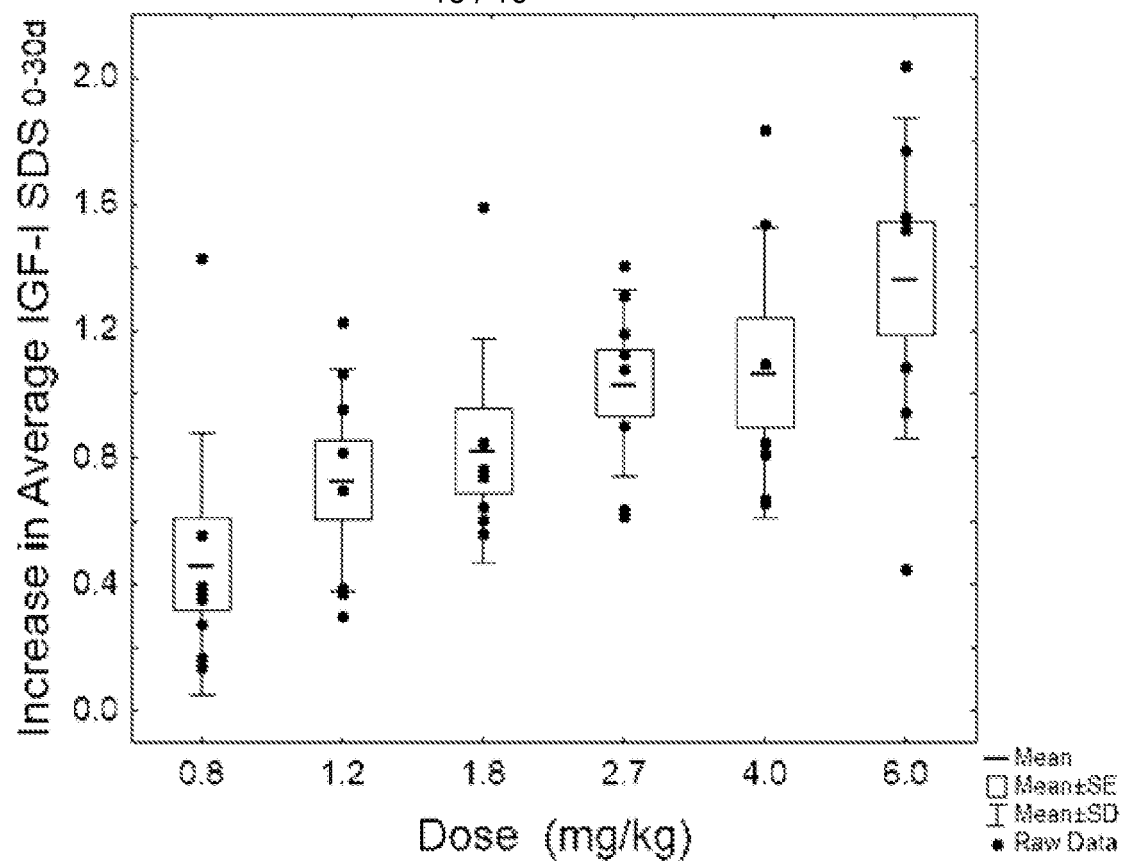


FIG. 14

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