

Fig. 1A

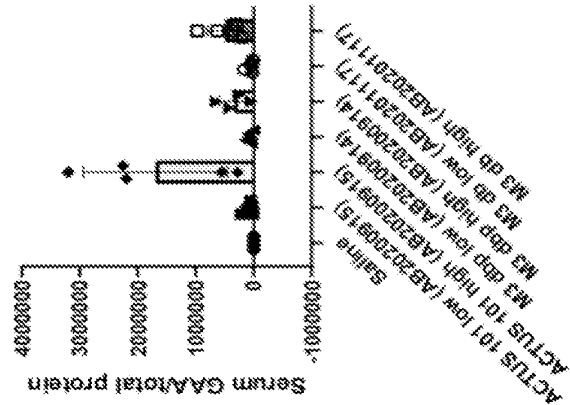


Fig. 1B

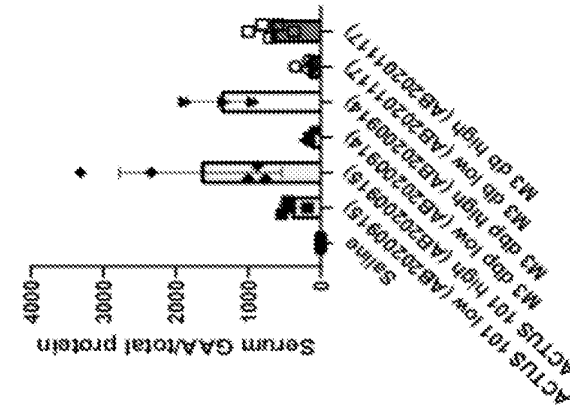


Fig. 1C

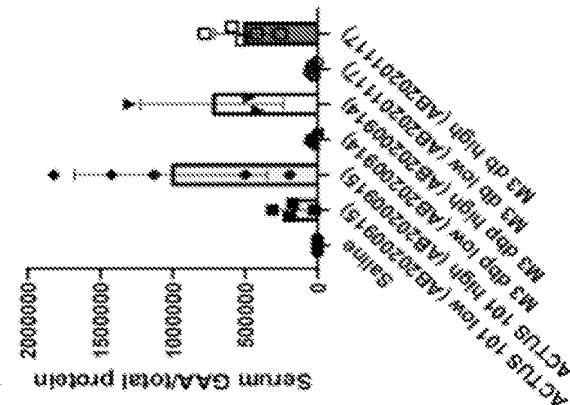


Fig. 1D

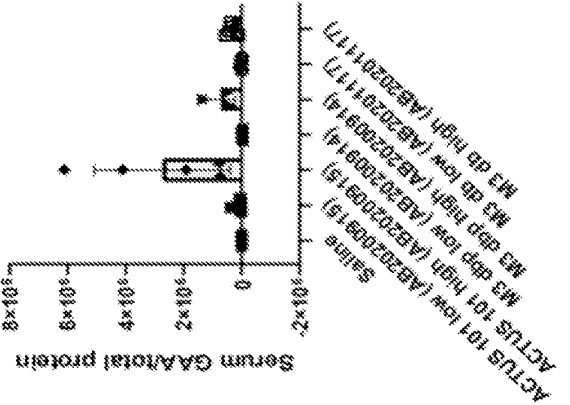


Fig. 2A

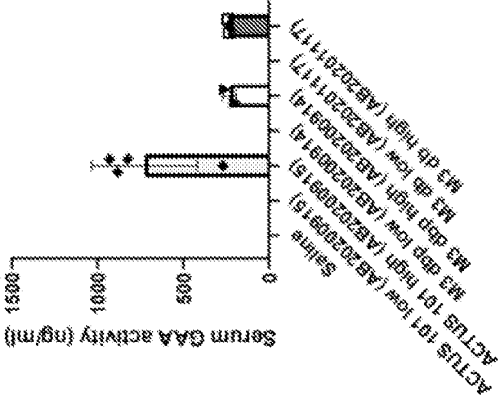


Fig. 2B

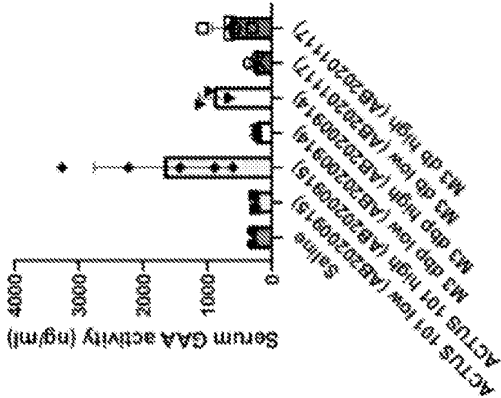


Fig. 2C

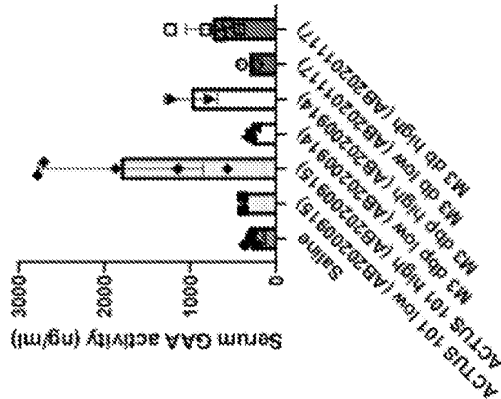


Fig. 2D

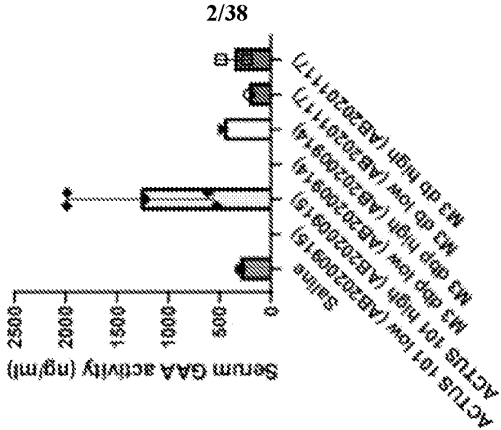


Fig. 3A

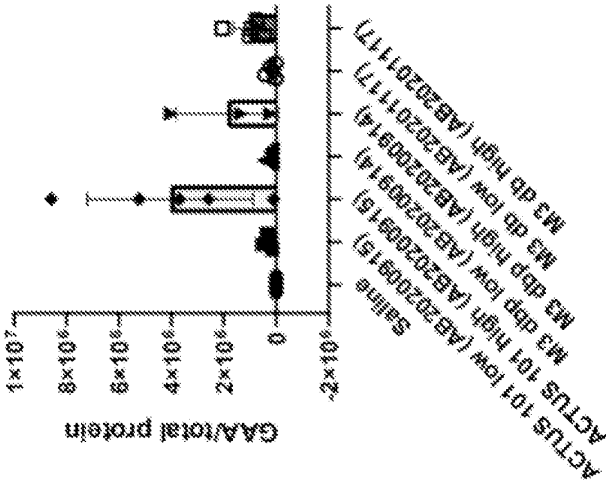


Fig. 3B

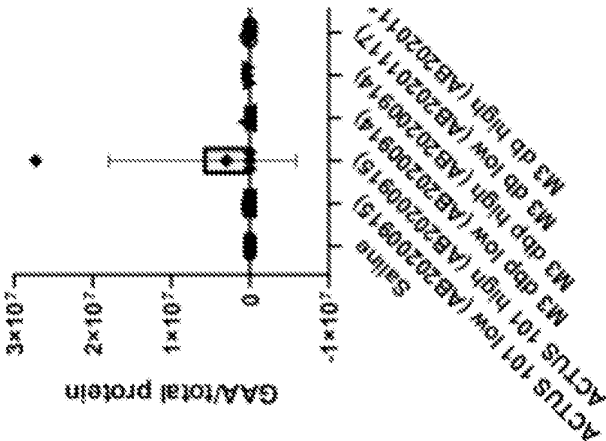


Fig. 3C

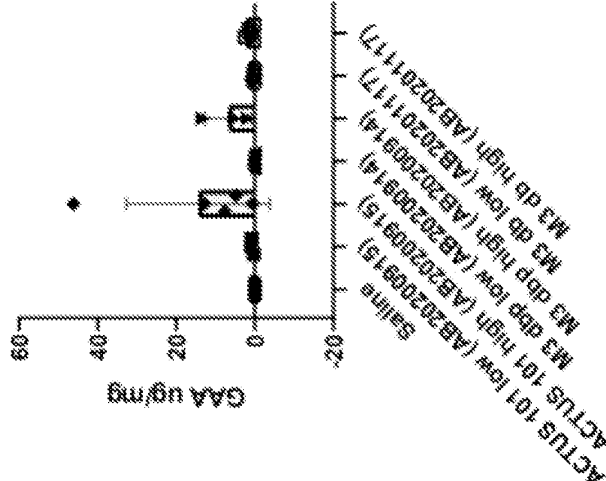


Fig. 4A

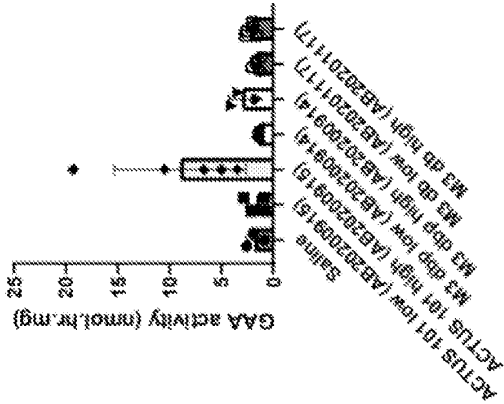


Fig. 4B

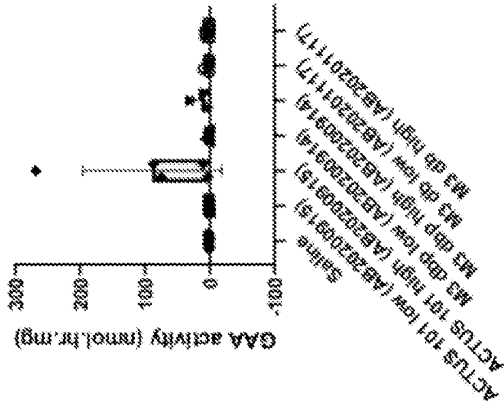


Fig. 4C

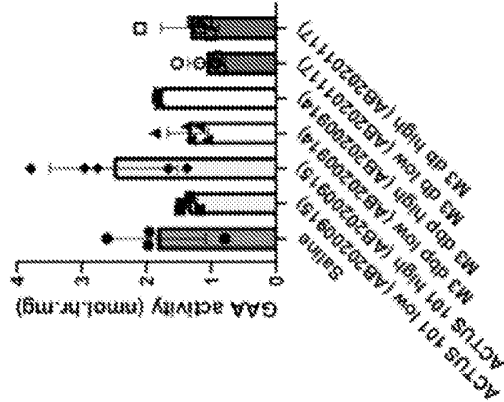


Fig. 4D

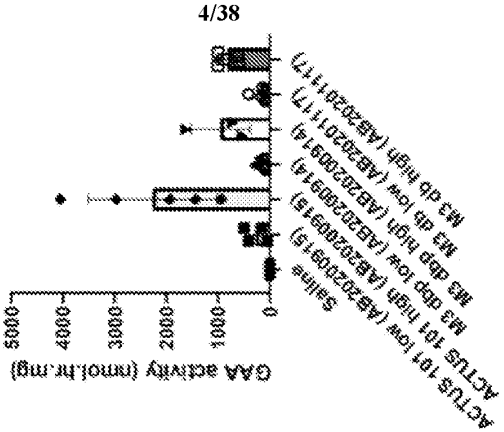


Fig. 5A

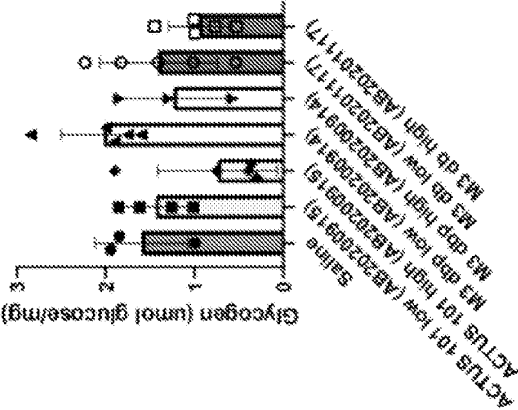


Fig. 5B

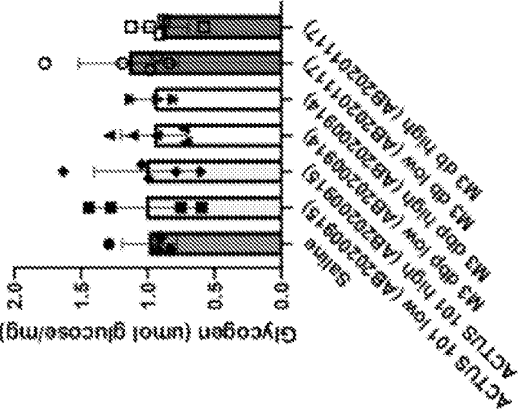


Fig. 5C

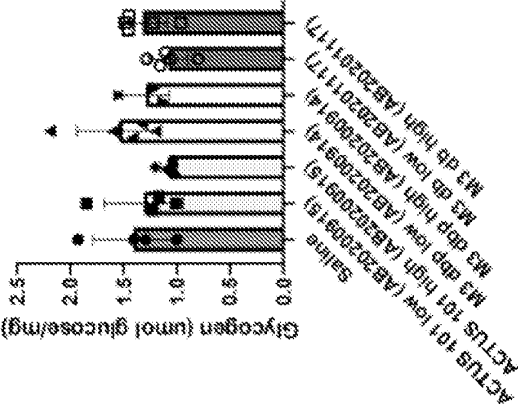


Fig. 5D

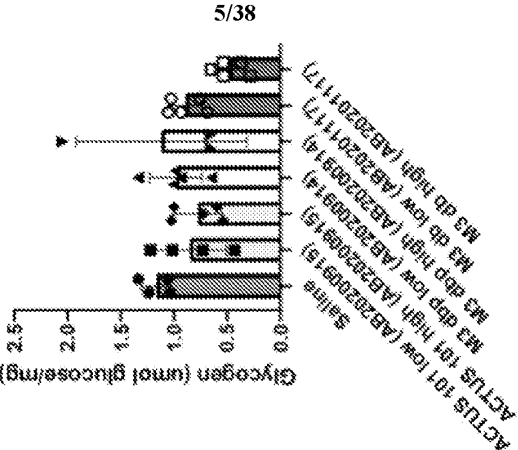


Fig. 6A

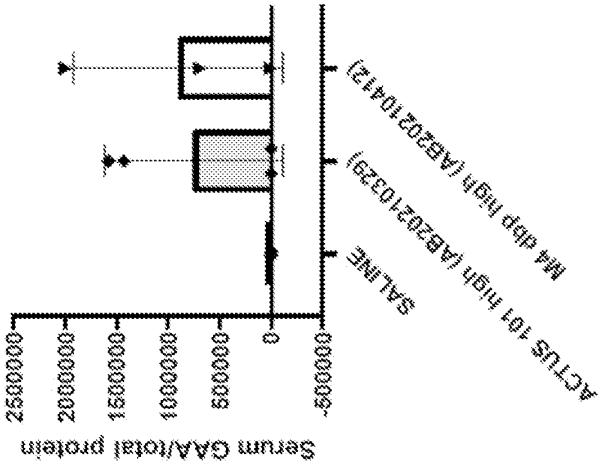


Fig. 6B

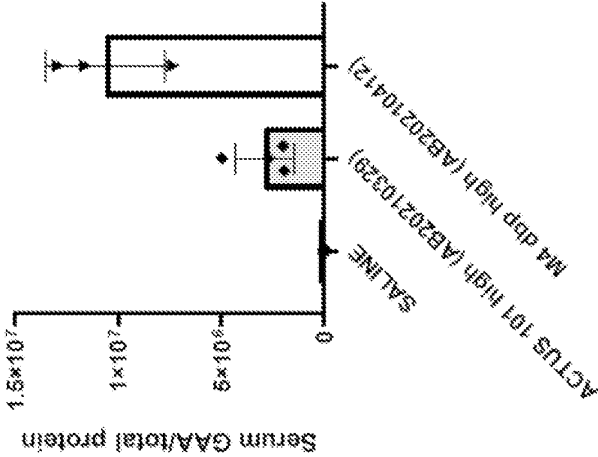


Fig. 6C

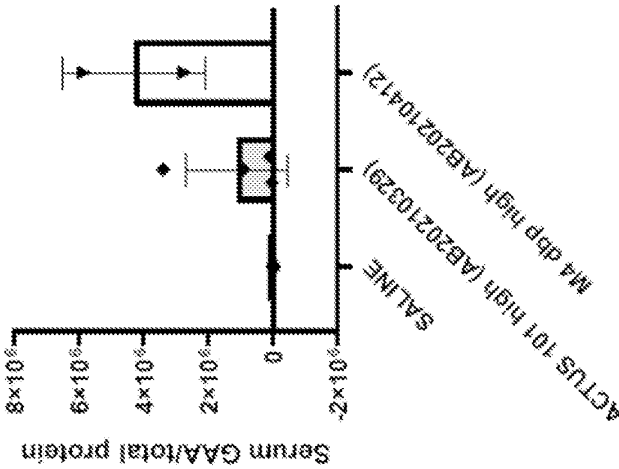


Fig. 7A

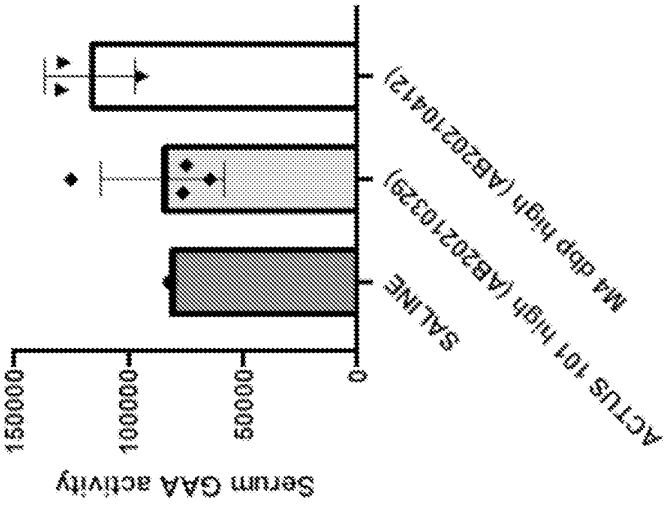


Fig. 7B

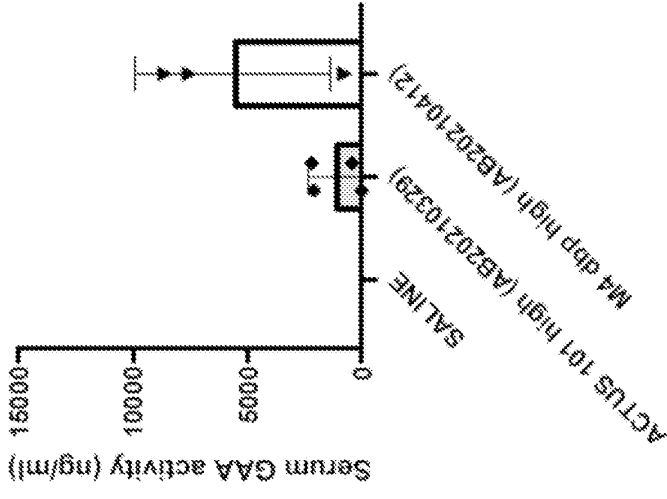


Fig. 7C

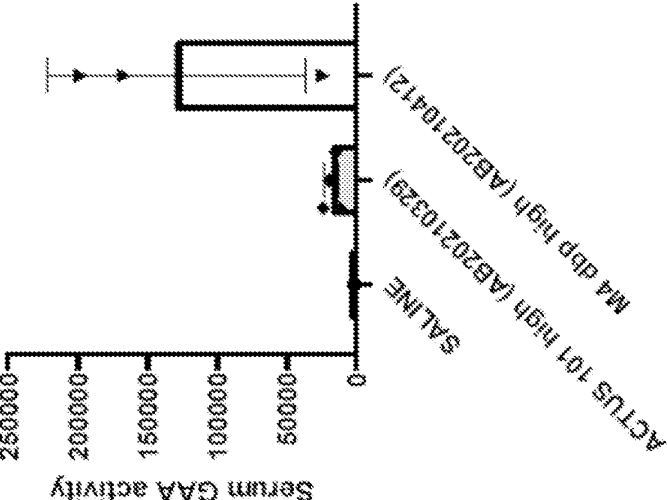


Fig. 8C

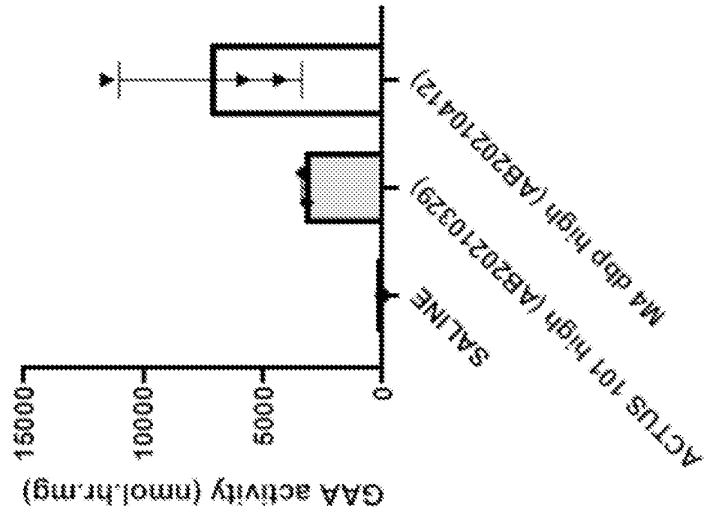


Fig. 8B

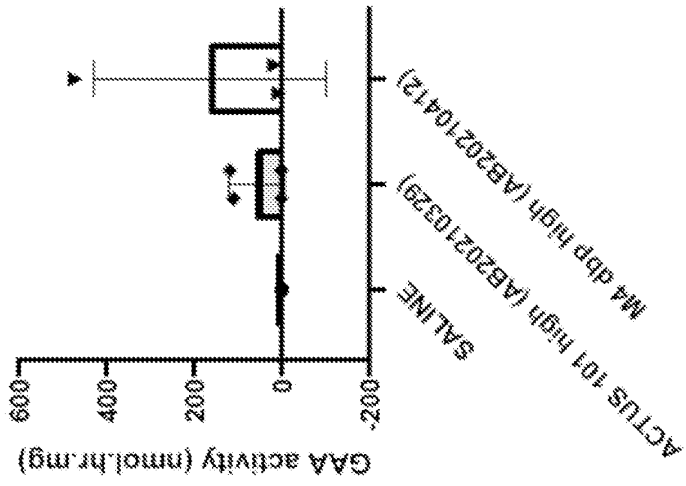
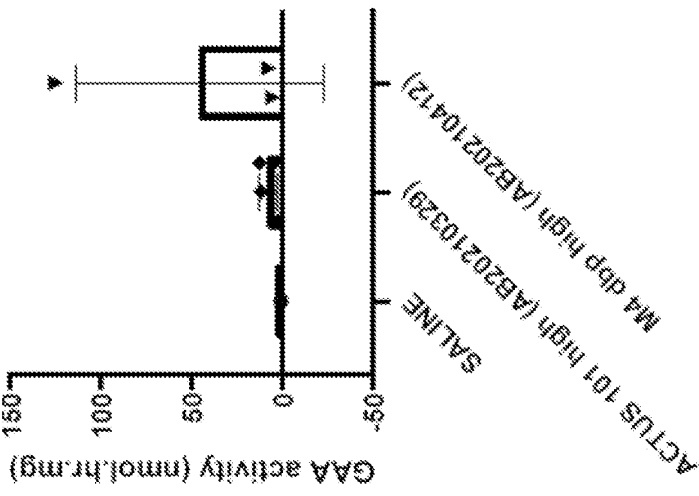


Fig. 8A



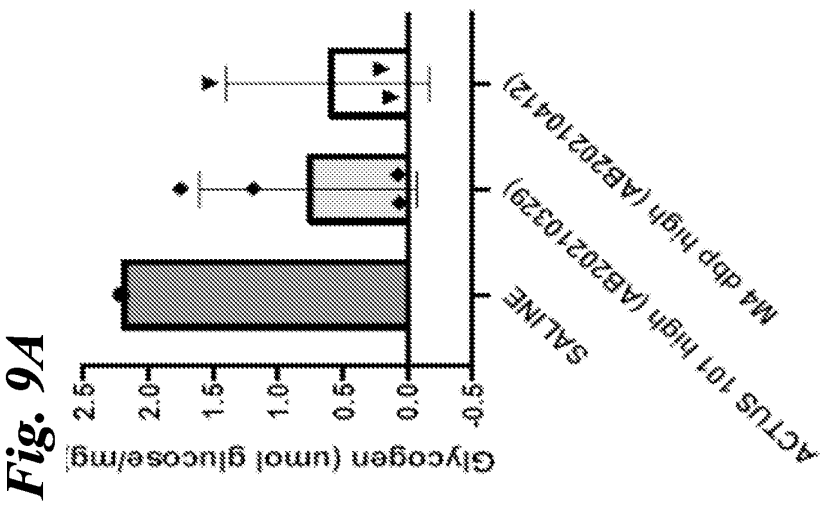
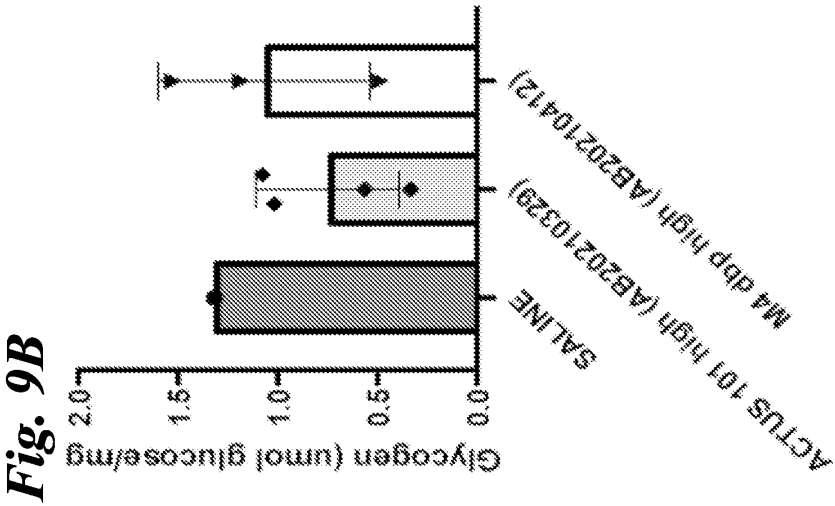
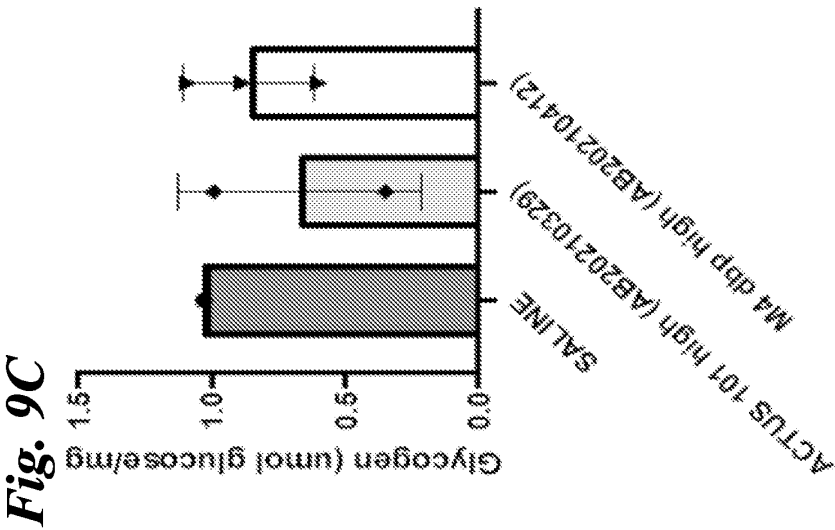


Fig. 10A

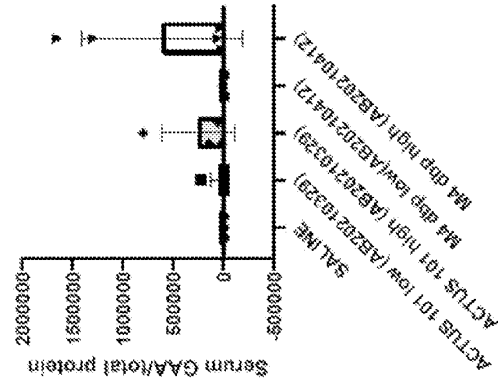


Fig. 10B

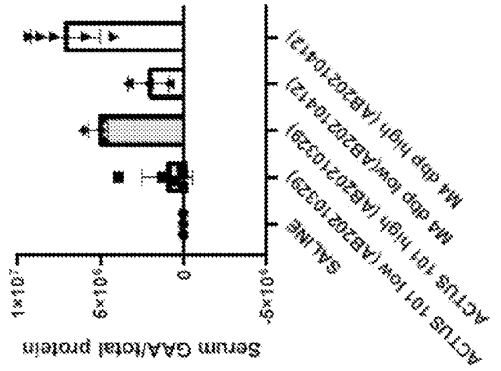


Fig. 10C

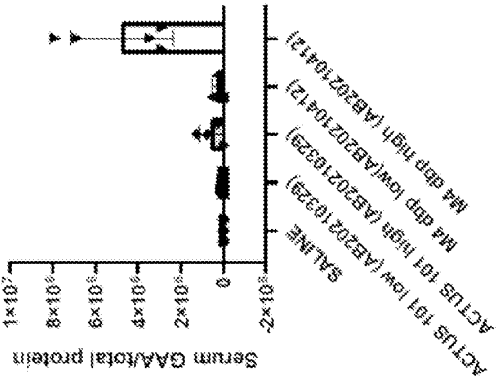


Fig. 10D

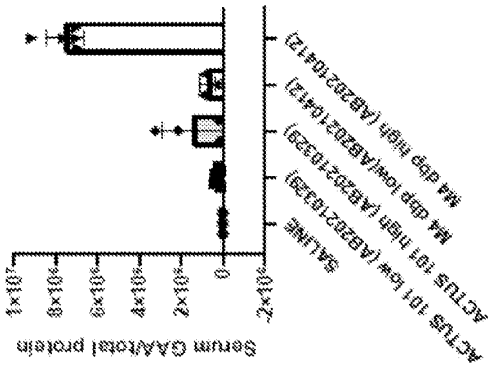


Fig. 10E

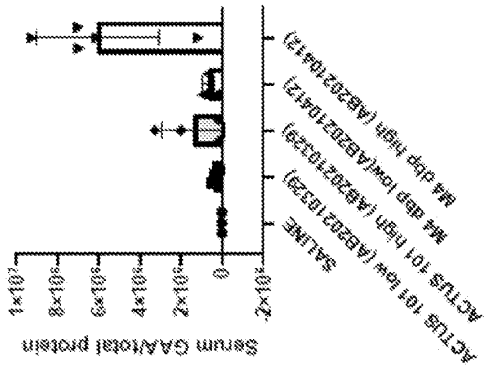


Fig. 10F

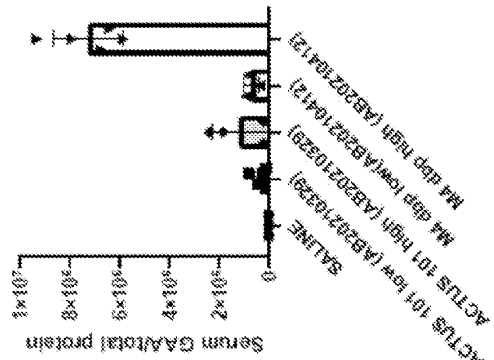


Fig. 10G

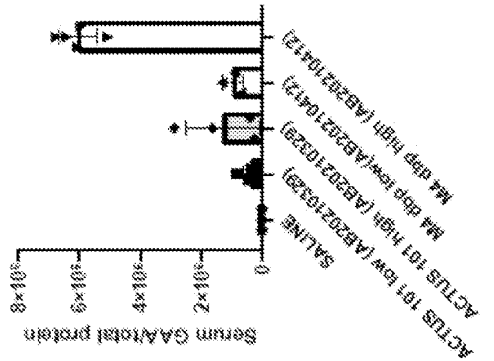


Fig. 10H

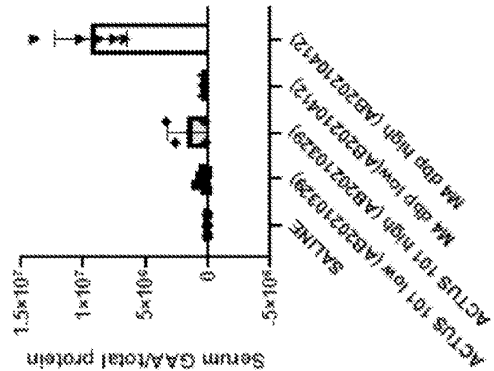


Fig. 11A

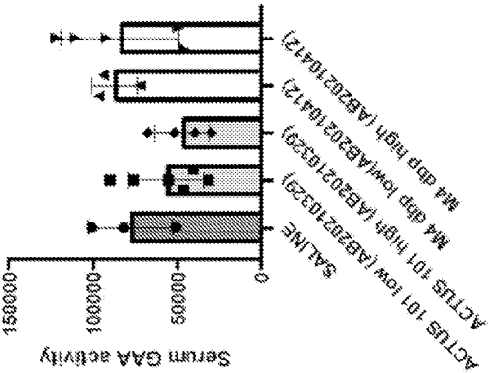


Fig. 11B

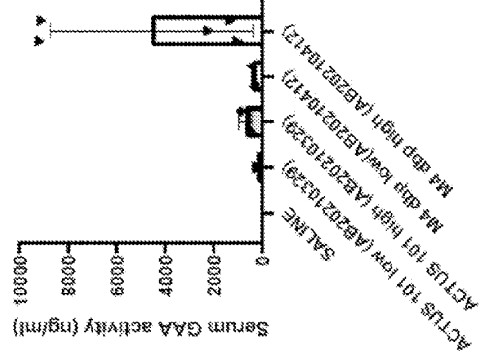


Fig. 11C

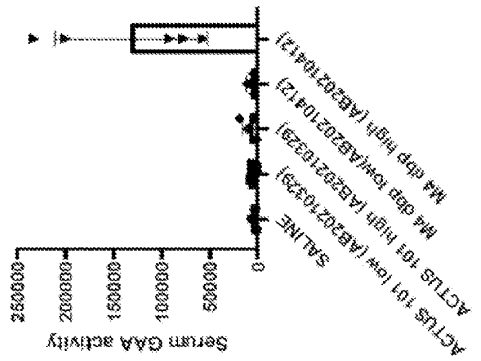


Fig. 11D

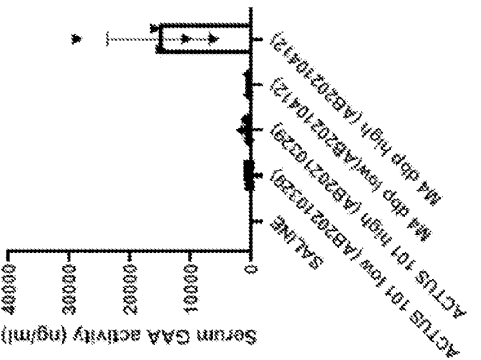


Fig. 11E

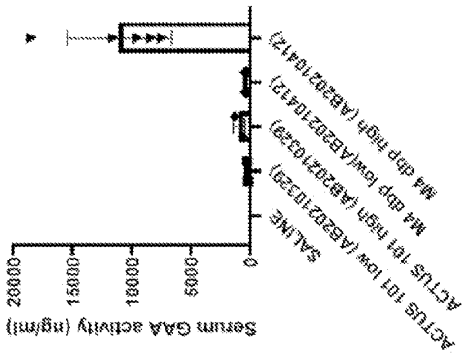


Fig. 11F

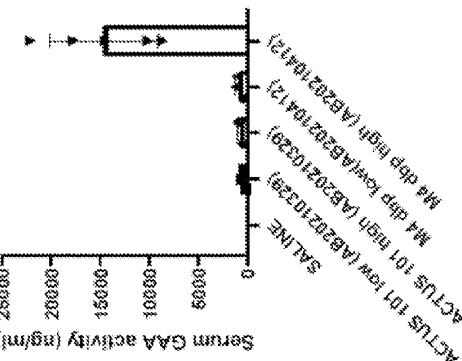


Fig. 11G

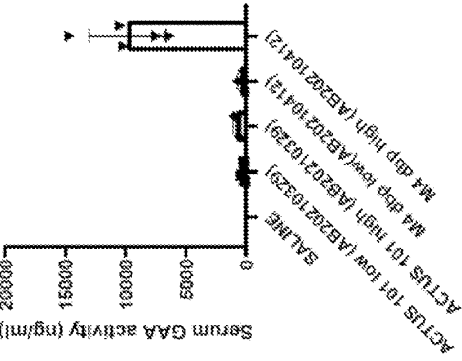


Fig. 11H

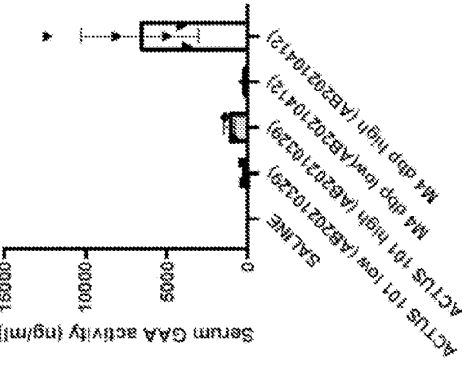


Fig. 12A

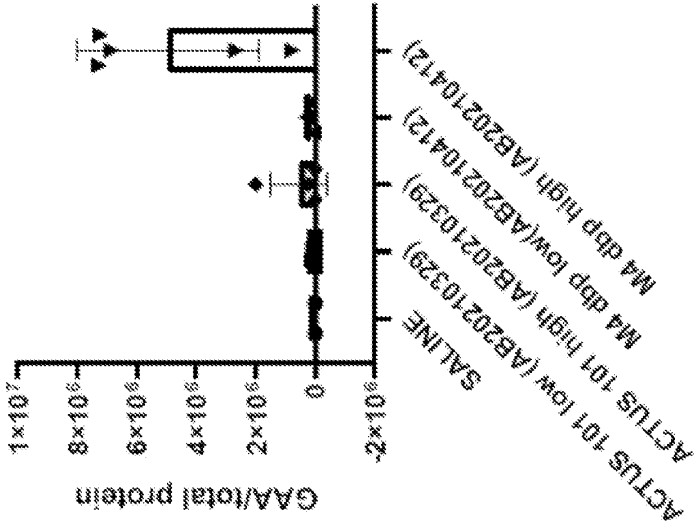


Fig. 12B

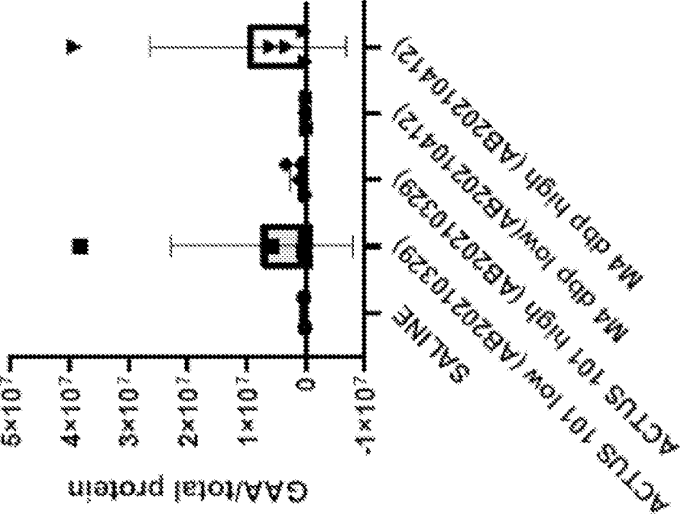


Fig. 12C

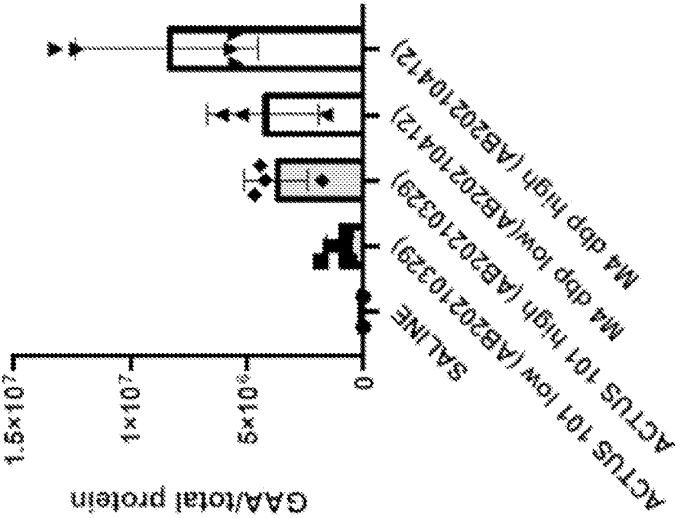


Fig. 13A

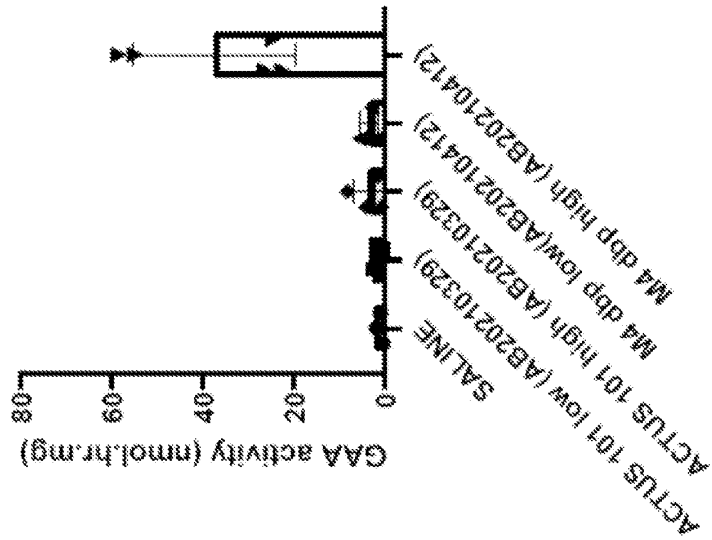


Fig. 13B

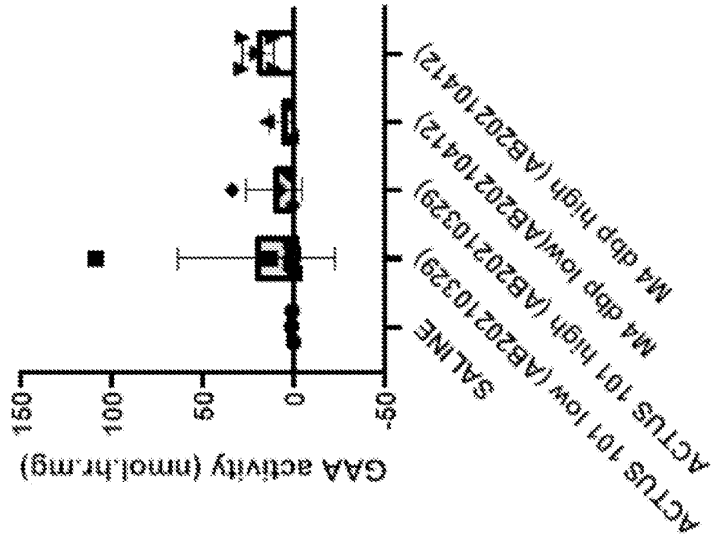


Fig. 13C

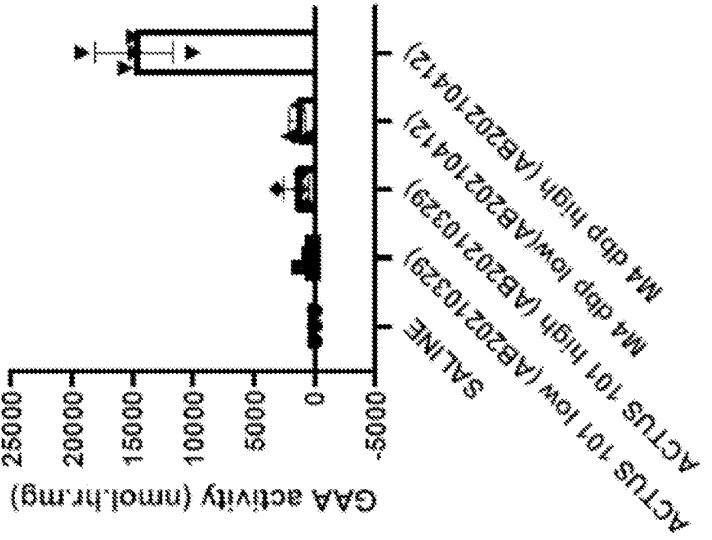


Fig. 14A

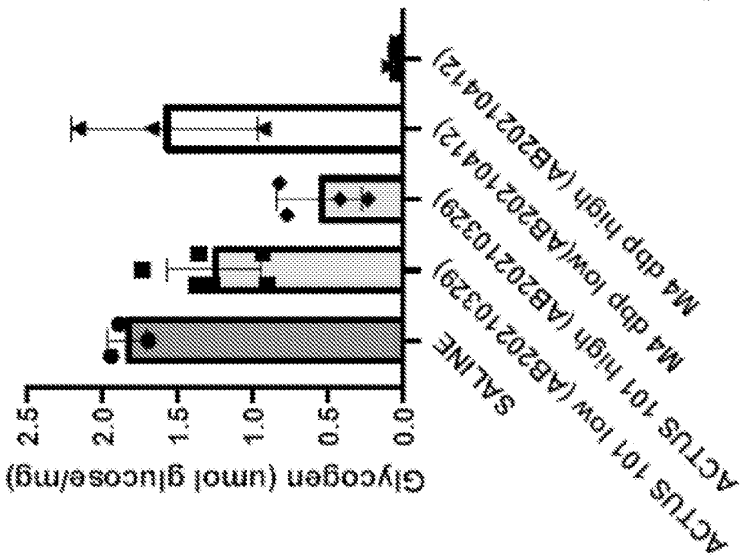


Fig. 14B

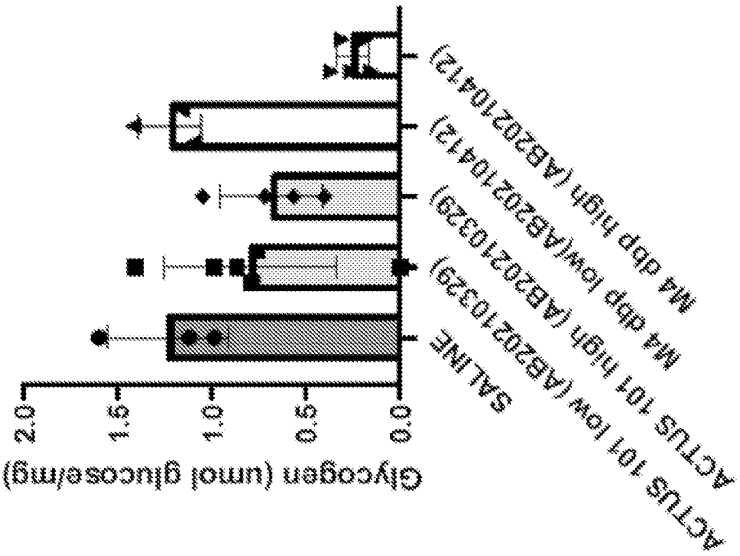


Fig. 14C

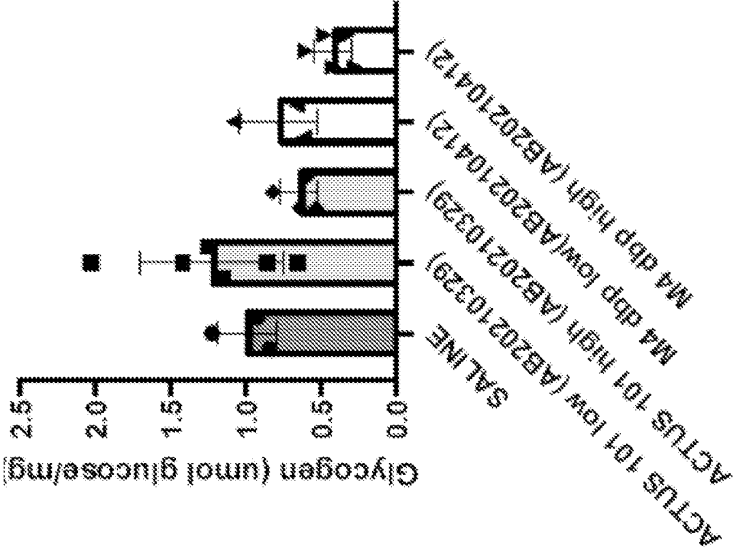


Fig. 14D

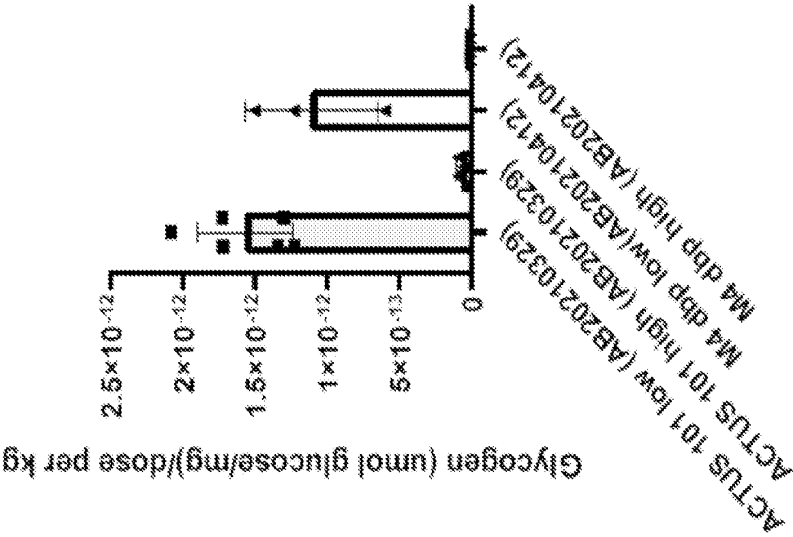


Fig. 14E

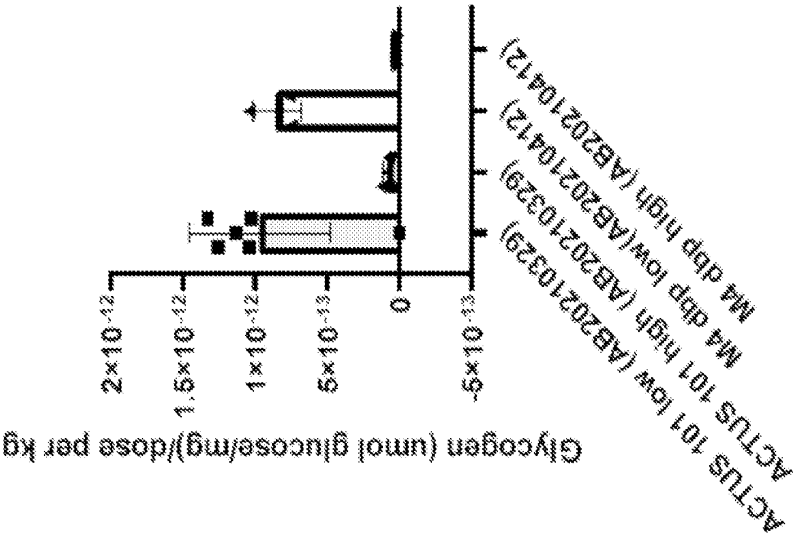
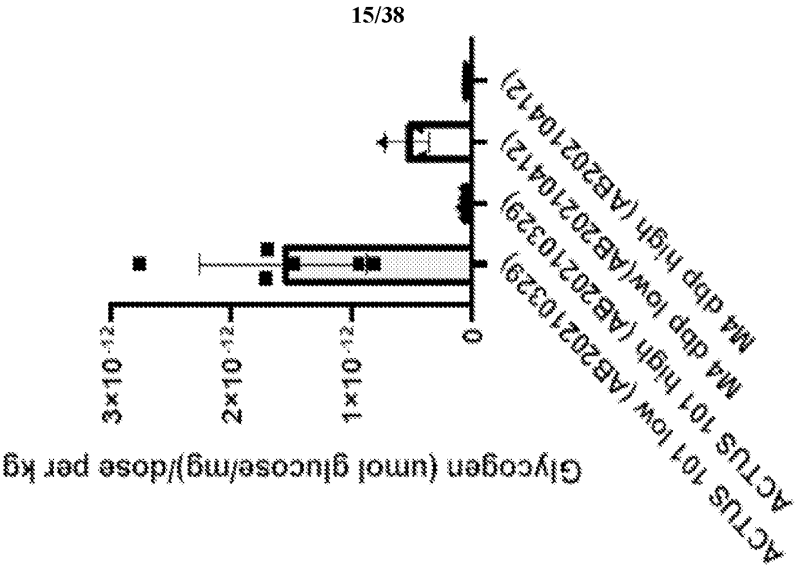


Fig. 14F



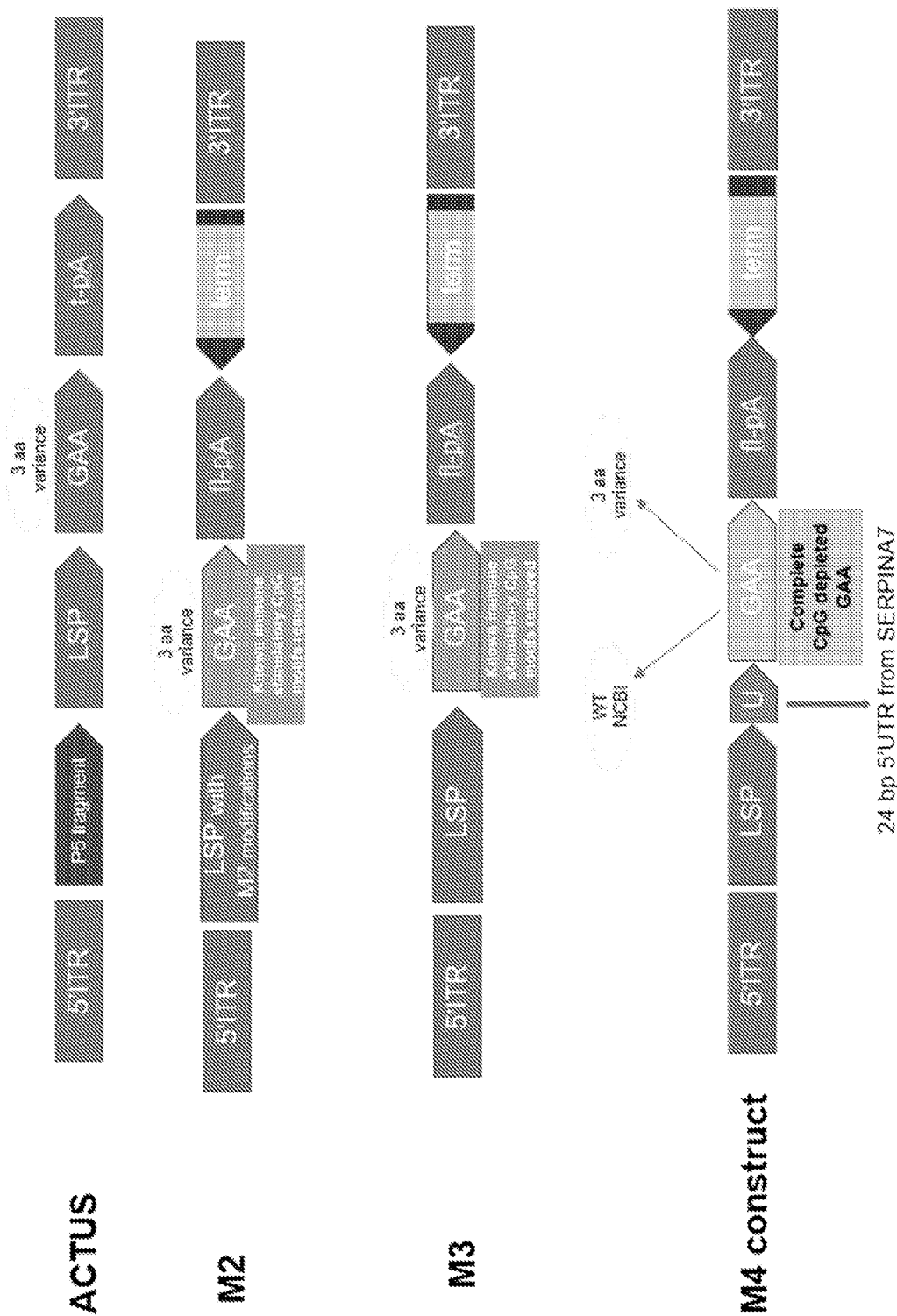


Fig. 15

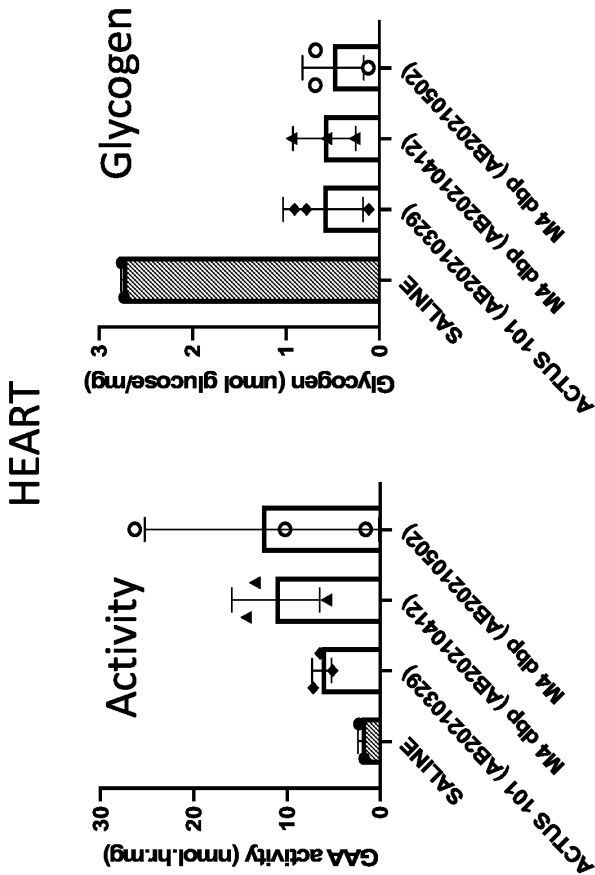


Fig. 16B

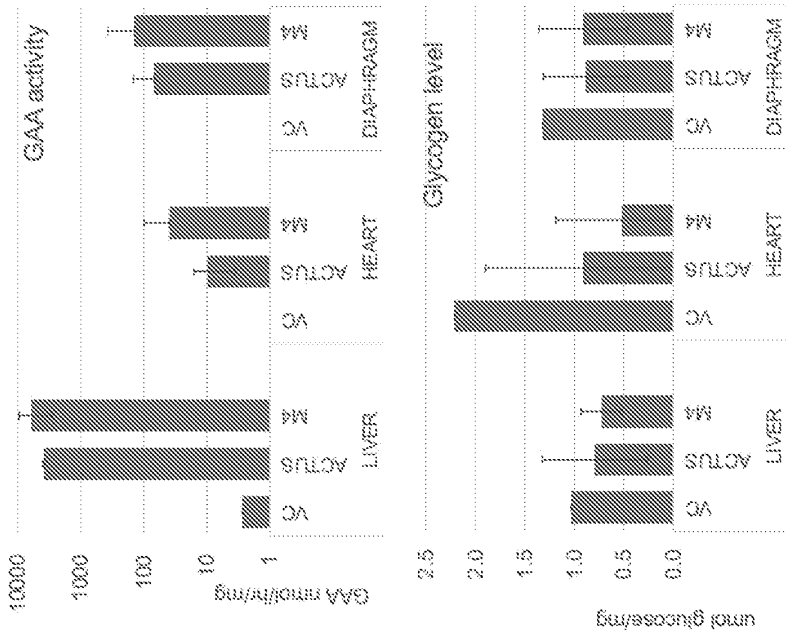


Fig. 16A

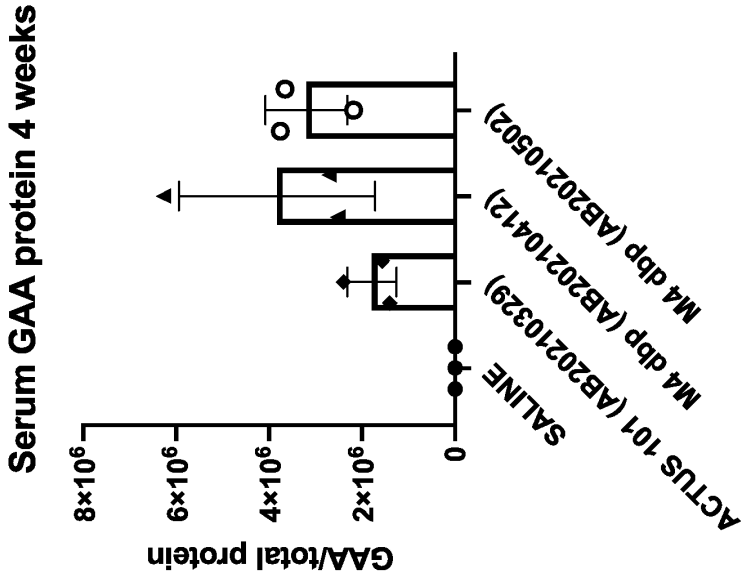


Fig. 17B

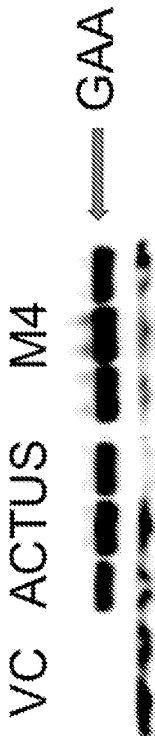


Fig. 17A

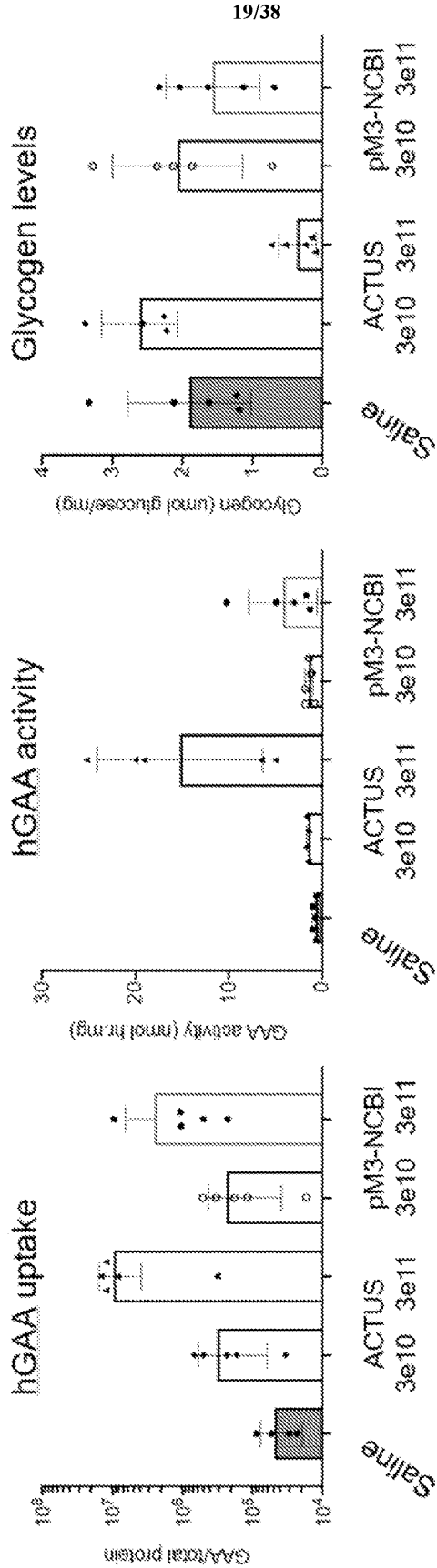


Fig. 18A

Fig. 18B

Fig. 18C

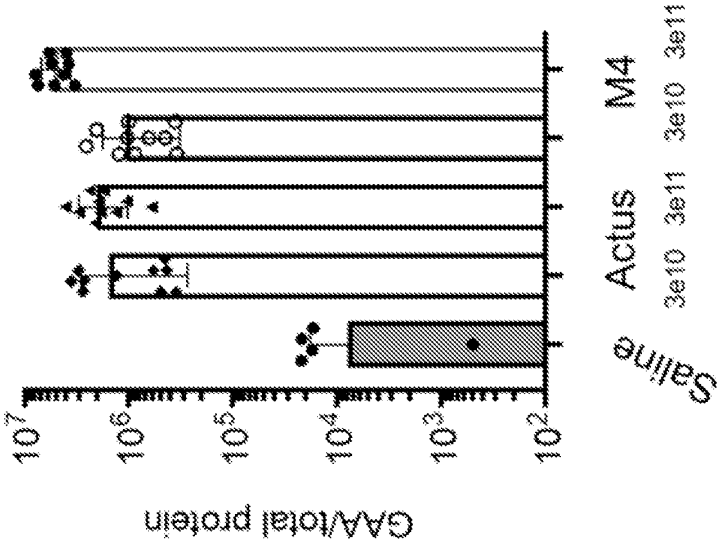


Fig. 20

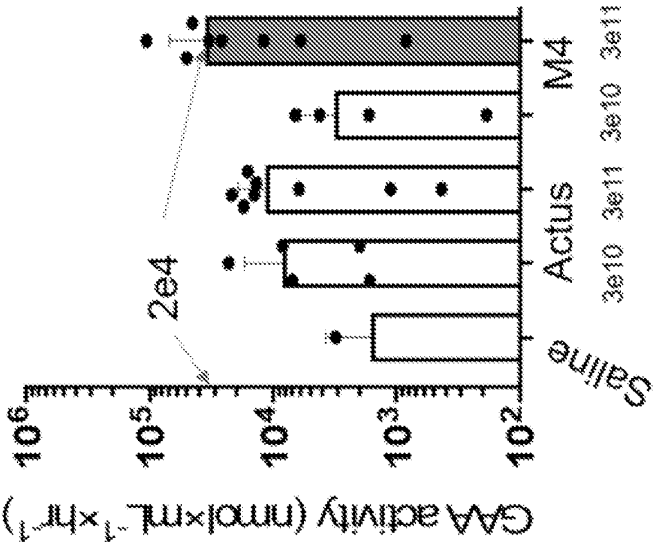


Fig. 19

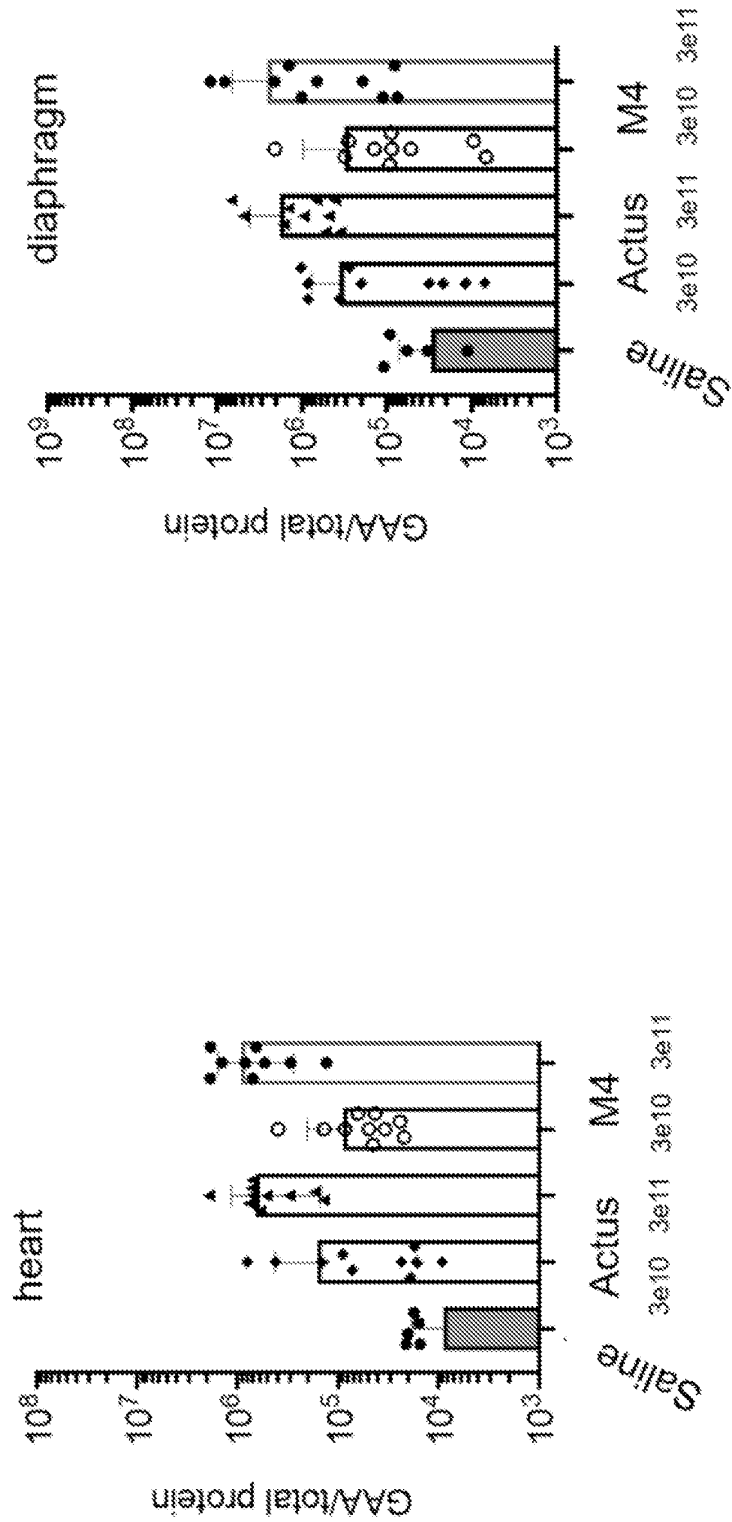


Fig. 21B

Fig. 21A

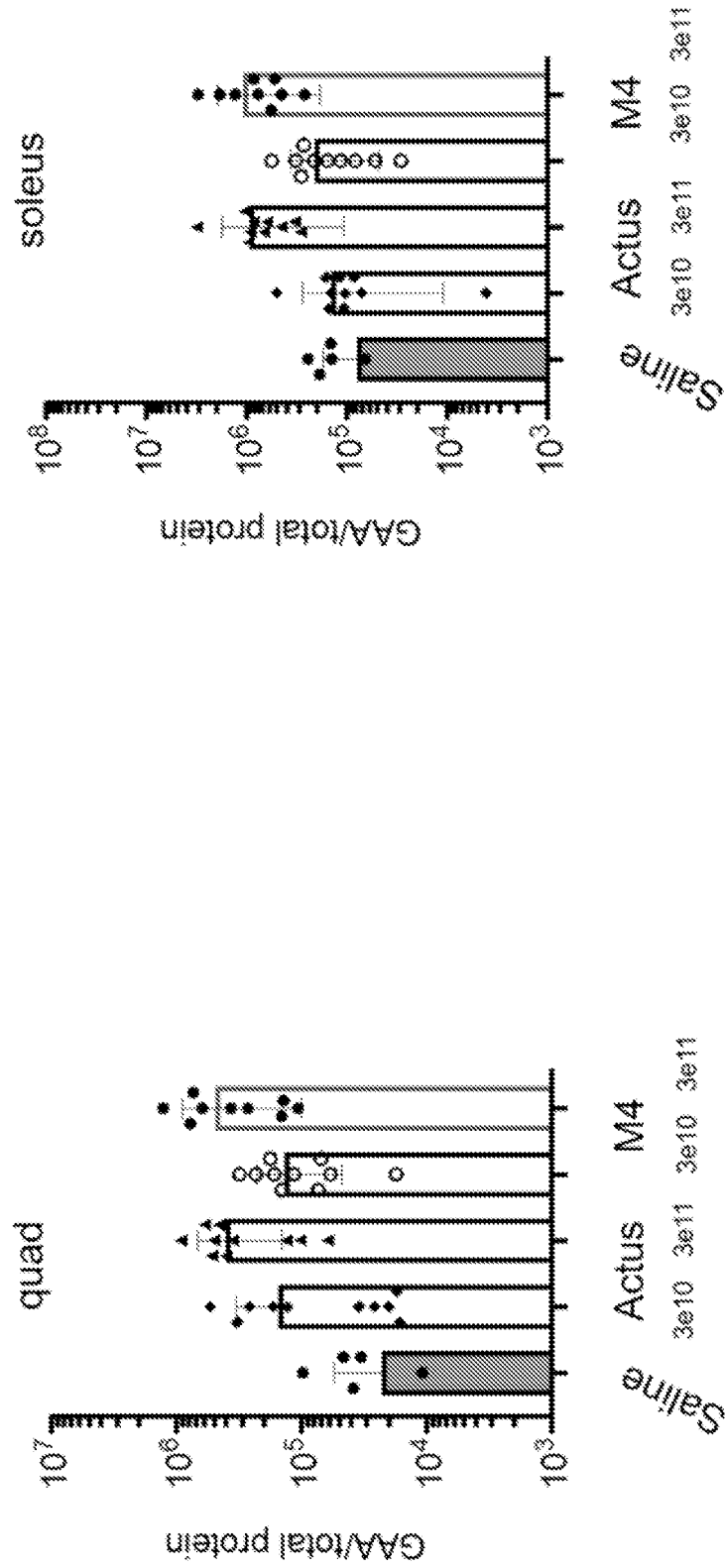


Fig. 21C

Fig. 21D

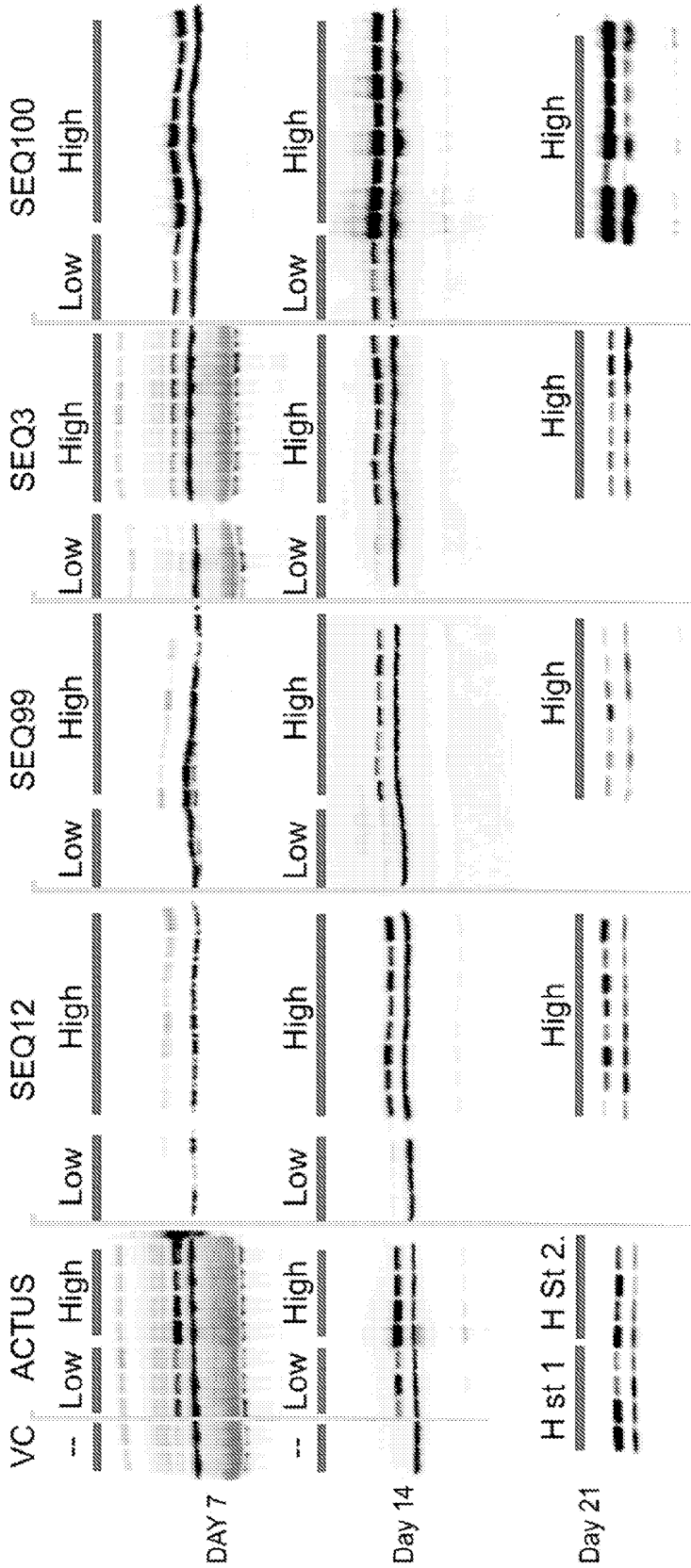


Fig. 22

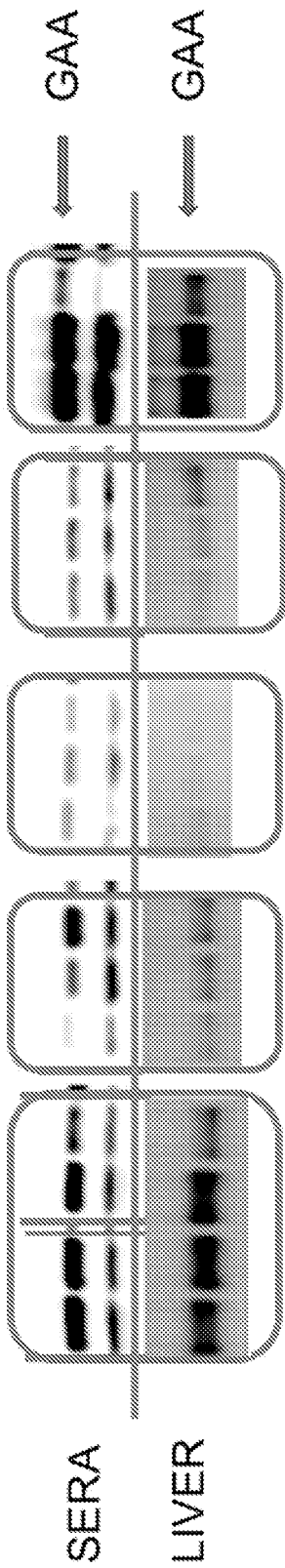


Fig. 23

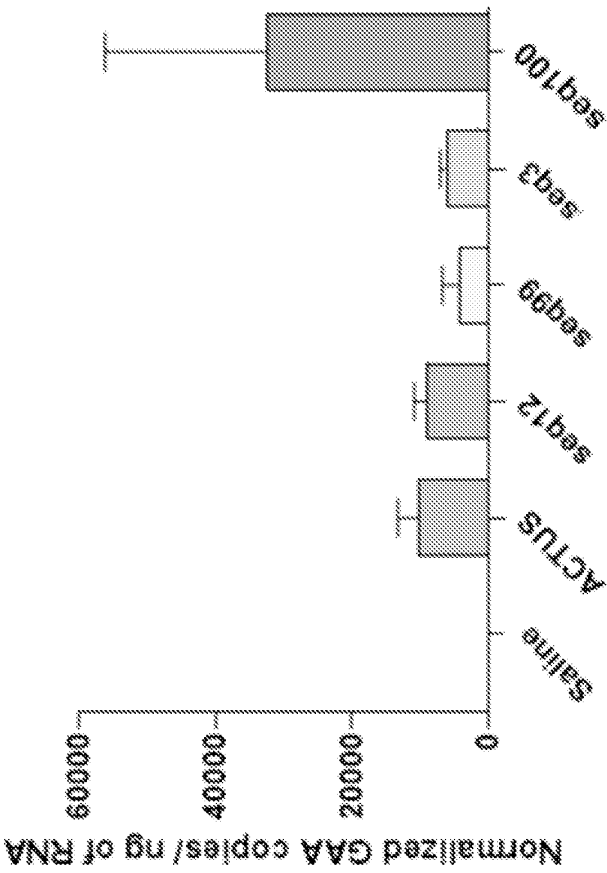


Fig. 24

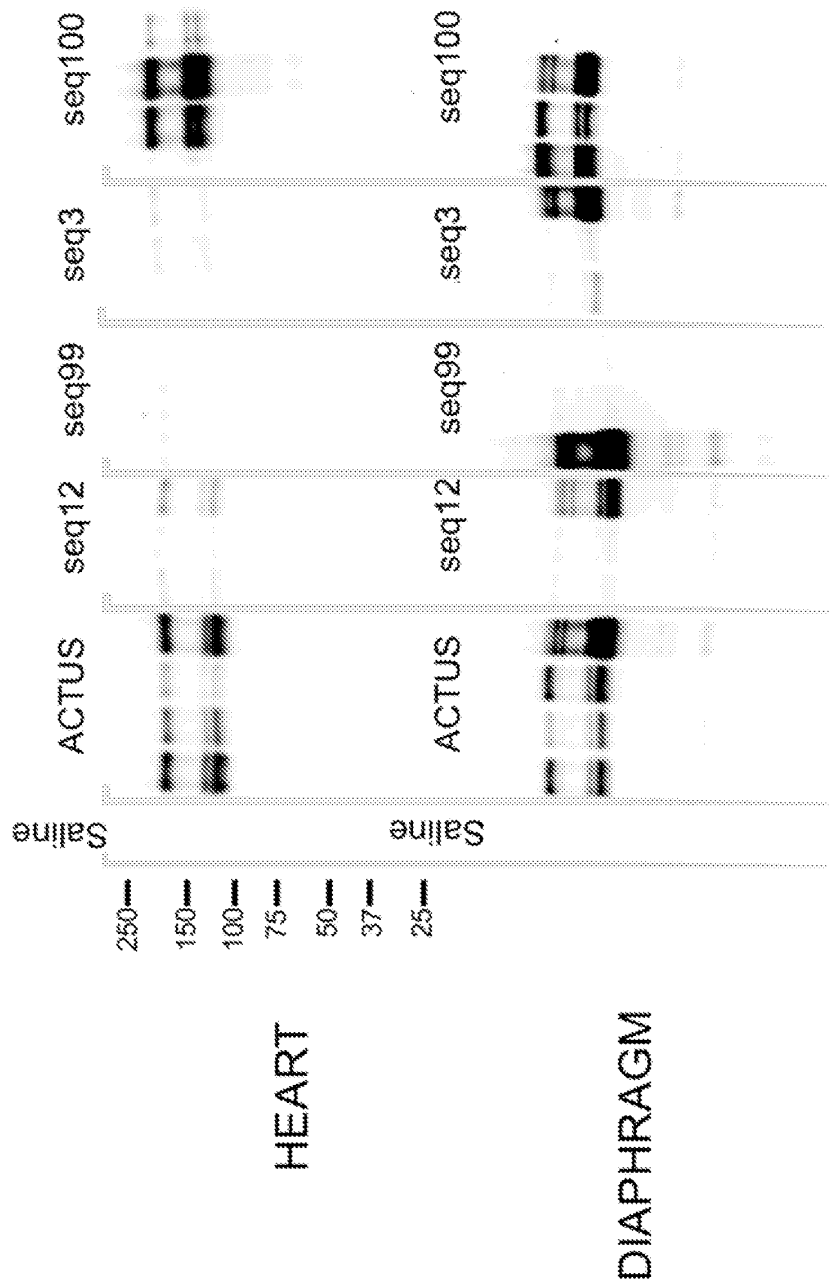


Fig. 25

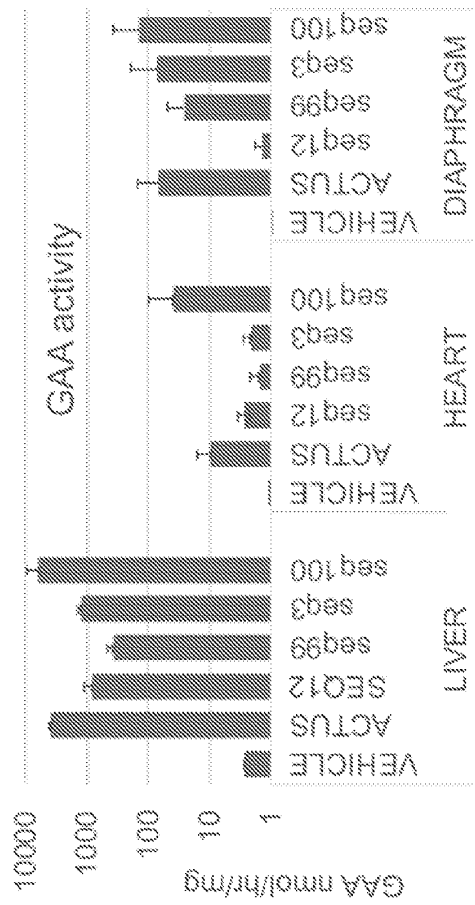


Fig. 26A

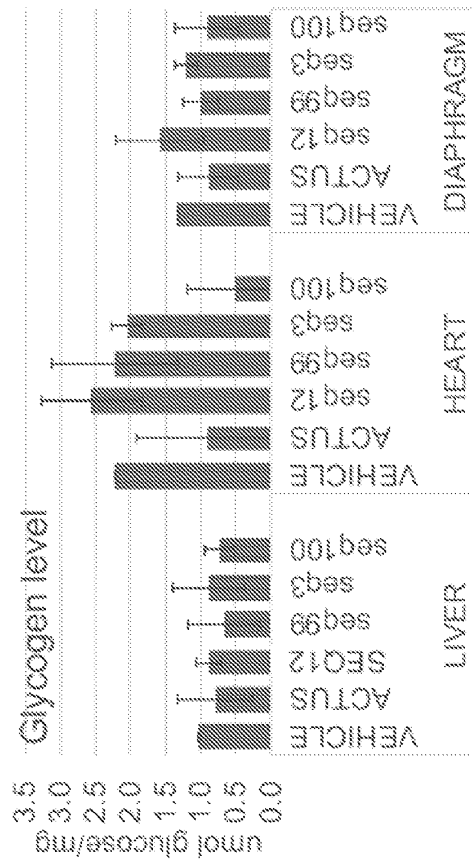


Fig. 26B

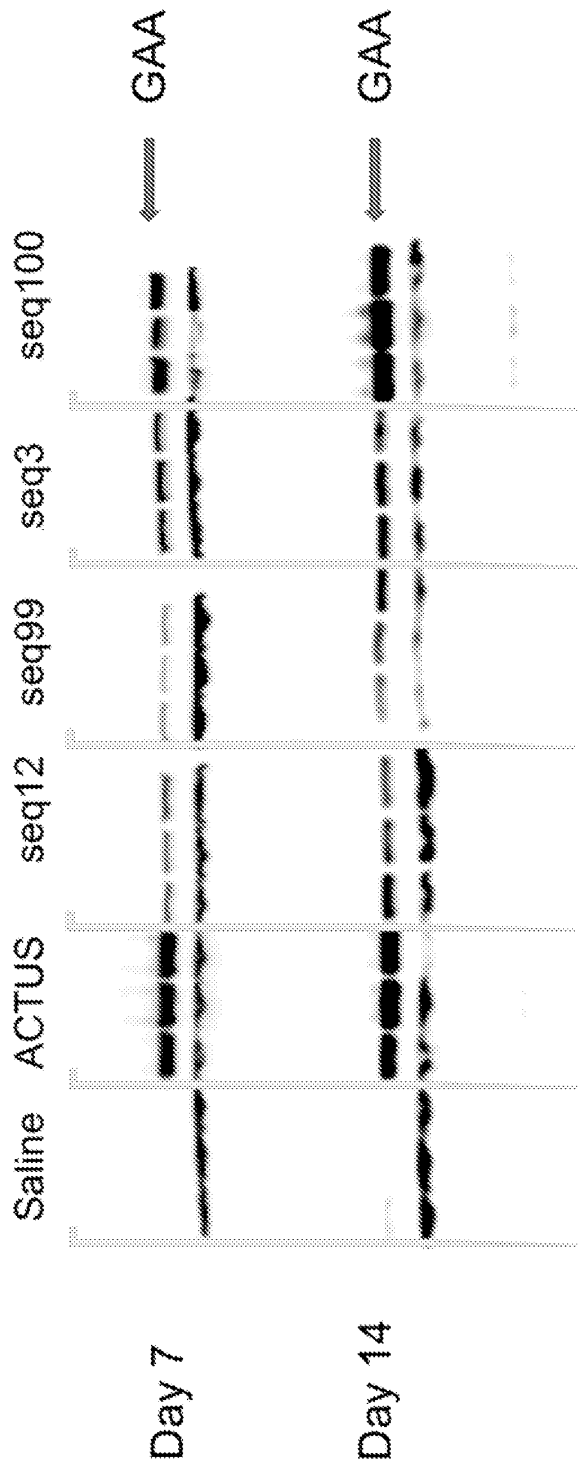


Fig. 27

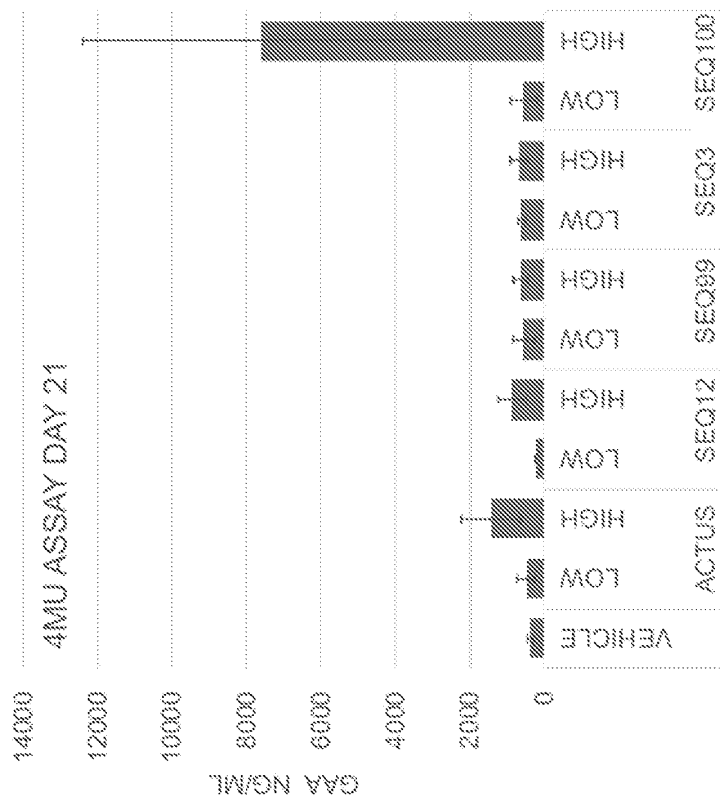
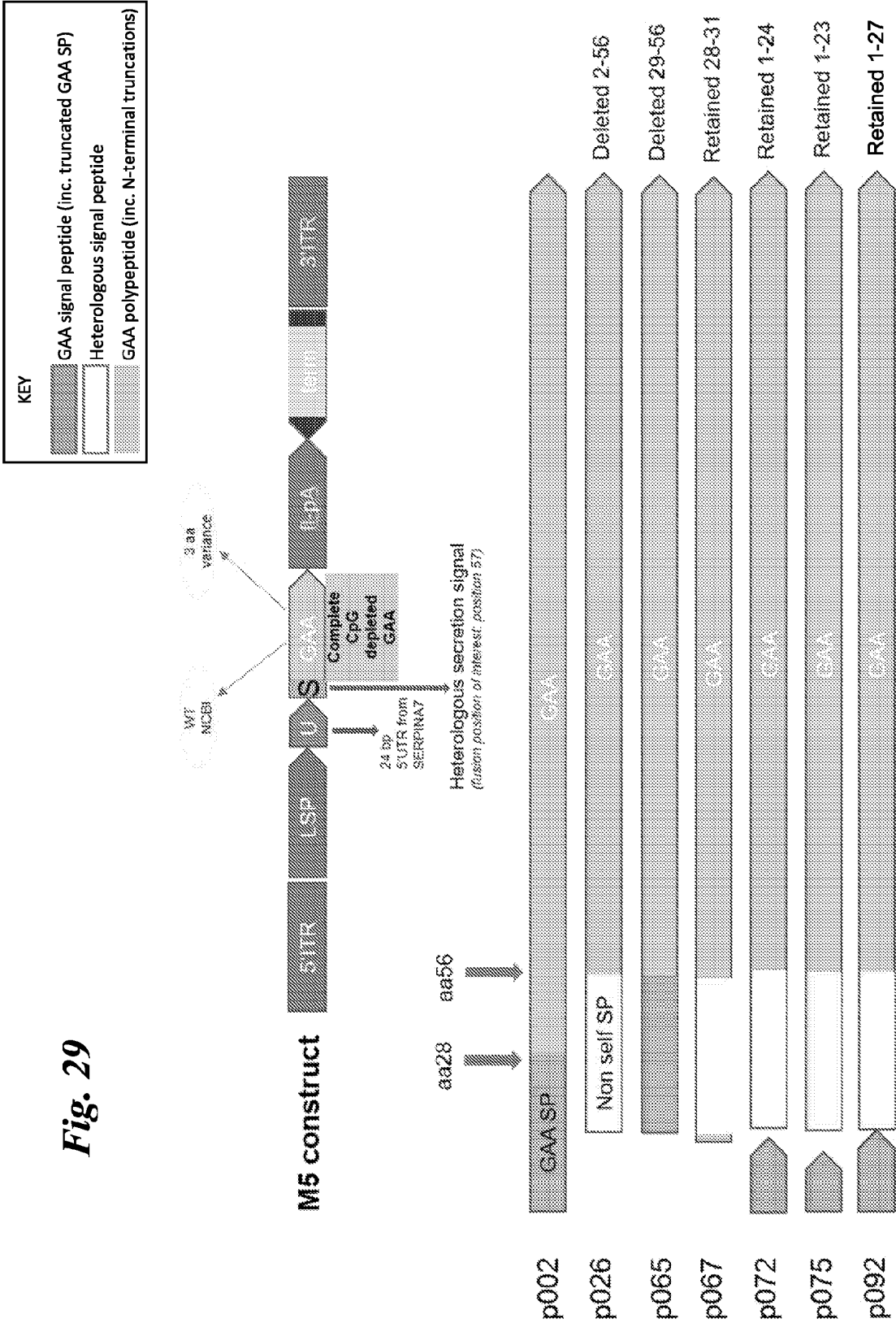


Fig. 28



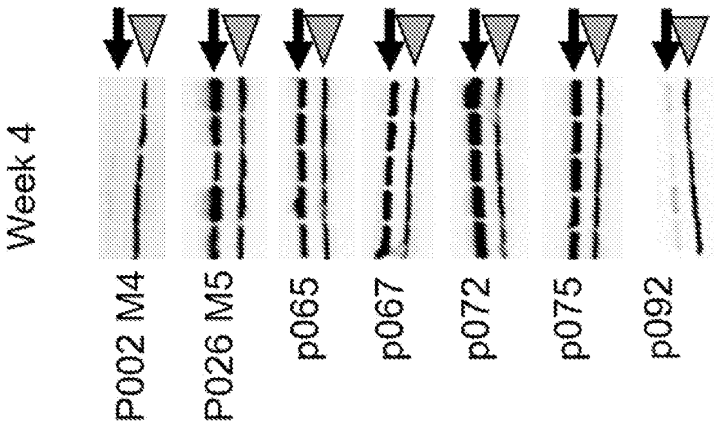


Fig. 30

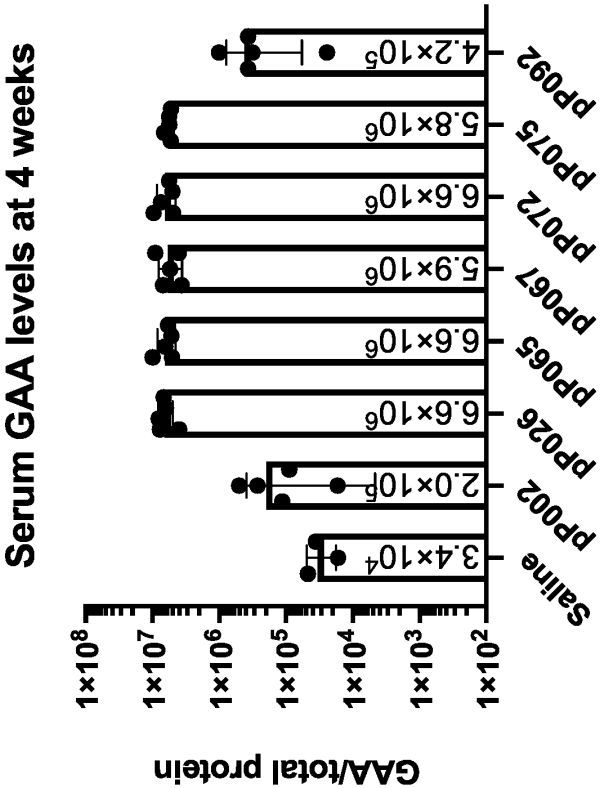


Fig. 31

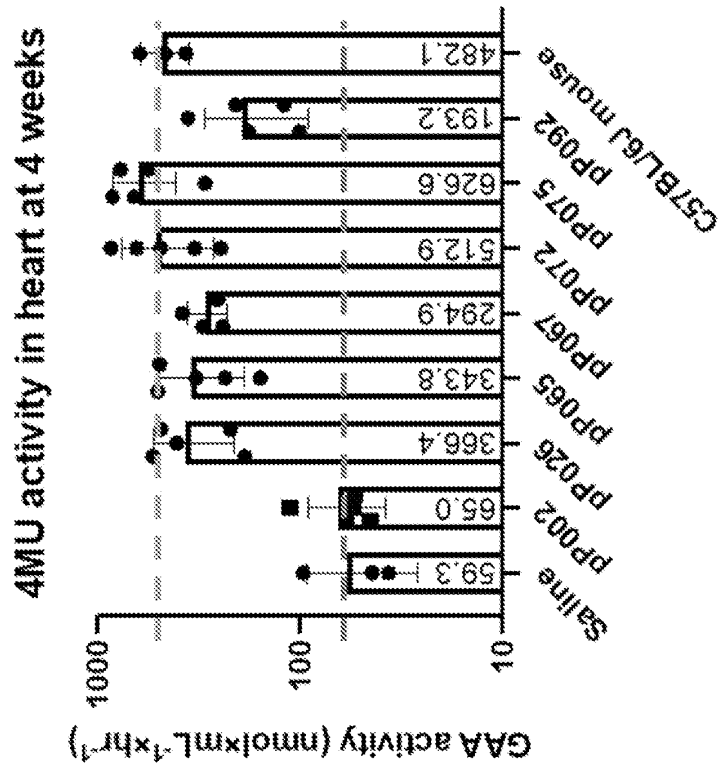


Fig. 33

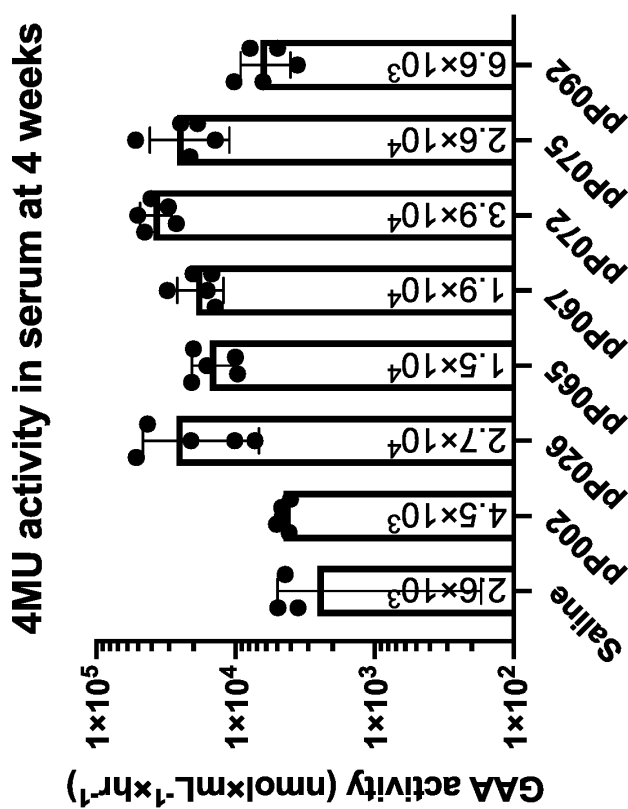


Fig. 32

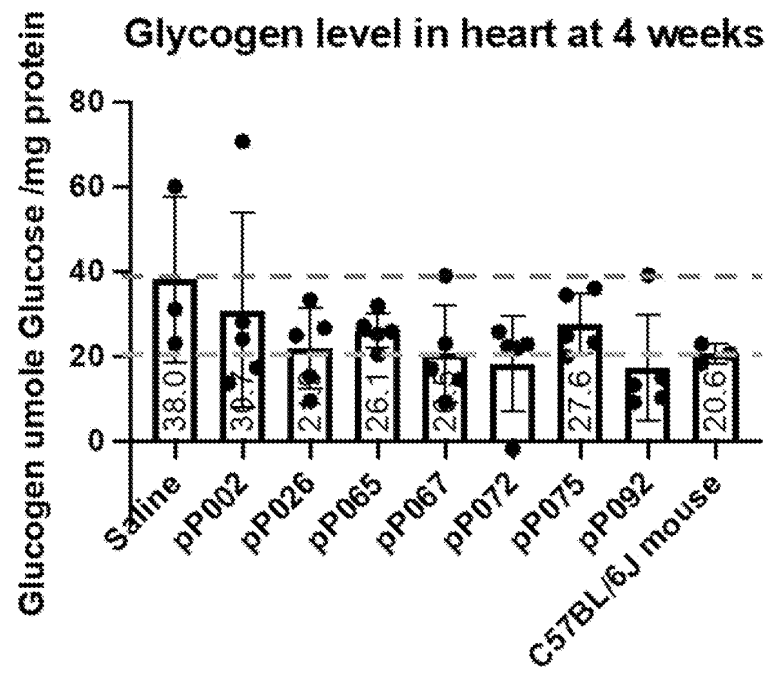


Fig. 34

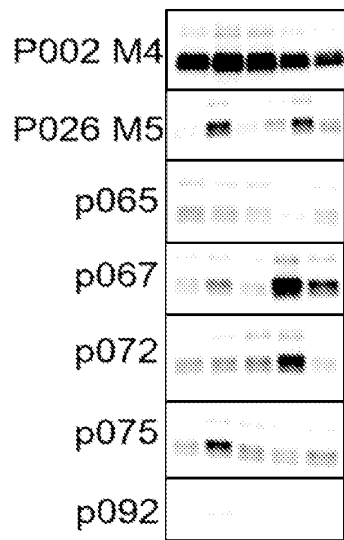


Fig. 35A

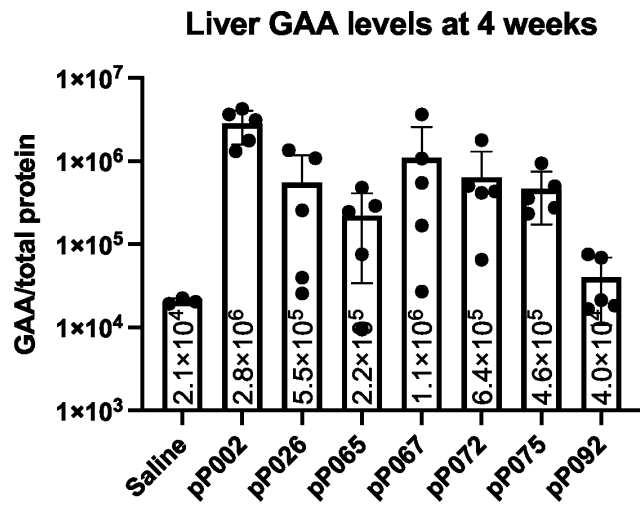


Fig. 35B

group	Serum GAA	Serum 4MU	Heart 4MU	Heart glycogen	Liver retention
GAA KO	3.4e4	2.6e3	59.3	38.0	2.1e4
002/M4	2.0e5	4.5e3	65.0	30.7	2.8e6
026/M5	6.6e6	2.7e4	366.4	21.9	5.5e5
065	6.6e6	1.5e4	343.8	26.1	2.2e5
067	5.9e6	1.9e4	294.9	20.5	1.1e6
072	6.6e6	3.9e4	512.9	18.1	6.4e5
075	5.8e6	2.6e4	626.6	27.6	4.6e5
092	4.2e5	6.6e3	193.2	17.3	4.0e4
WT mice	ND	ND	482.1	20.6	ND

Fig. 36

Mod-Actus	ITR	Liver Promoter	5'UTR	GAA		3'UTR	hGH polyA	ITR
Mod-P072	ITR	Liver Promoter	5'UTR+Intron	1-24aa of GAA	SP	term	hGH polyA	Bi-directional polyA
Mod-P092	ITR	Liver Promoter	5'UTR+Intron	1-27aa of GAA	SP	term	hGH polyA	Bi-directional polyA

Fig. 37

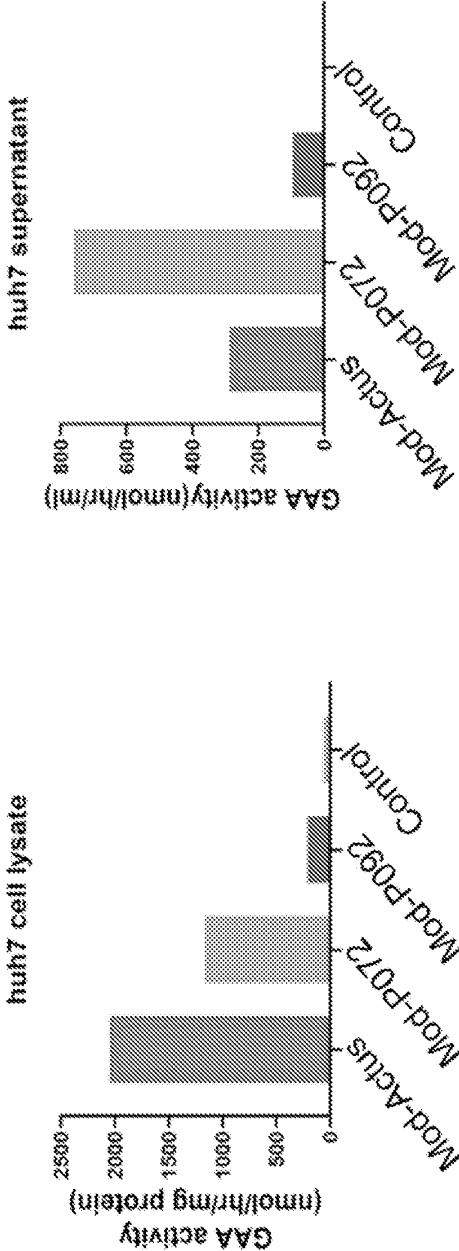


Fig. 38A

Fig. 38B

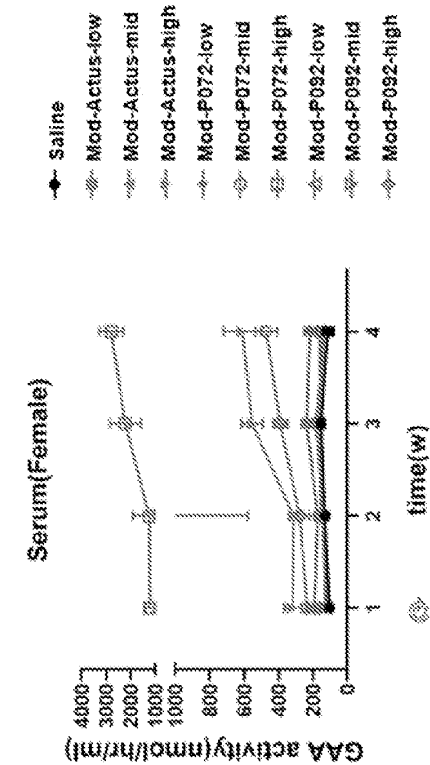


Fig. 39B

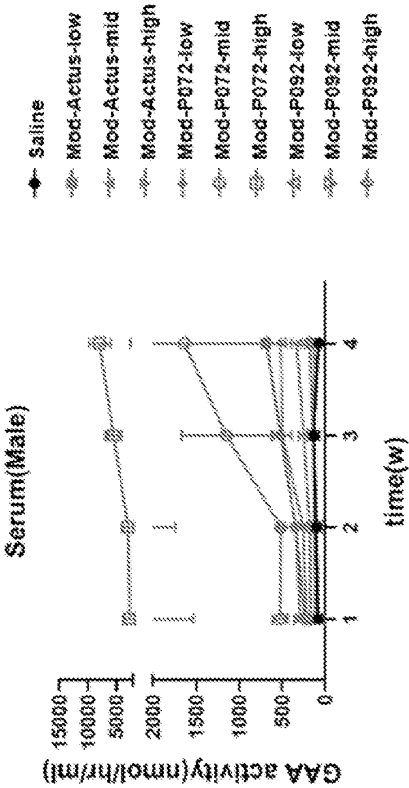


Fig. 39A

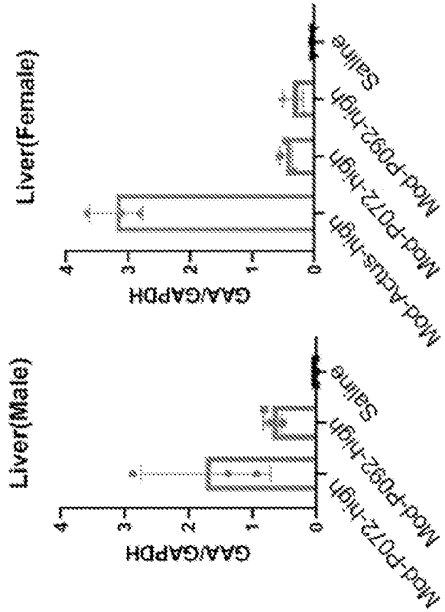


Fig. 40A

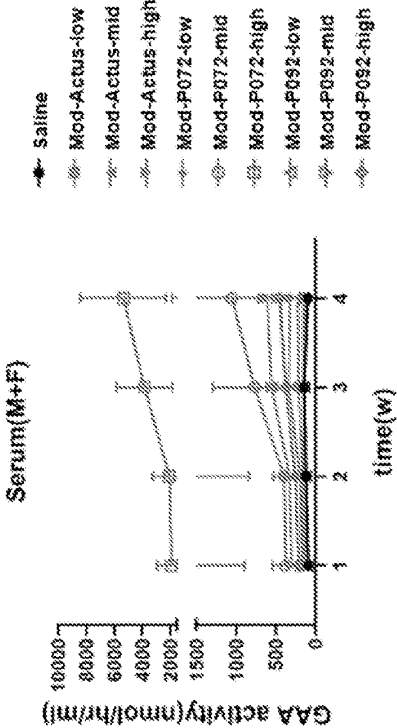


Fig. 39C

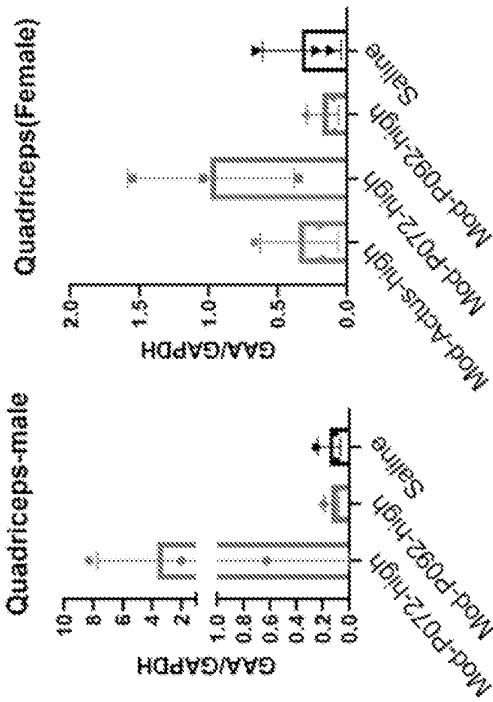


Fig. 40C

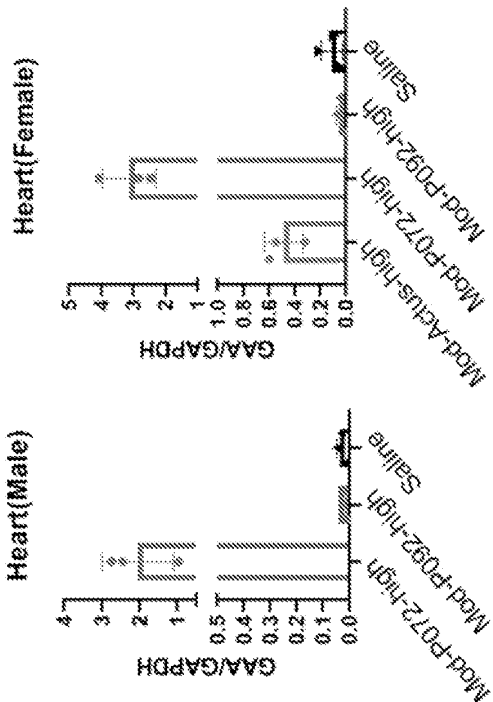


Fig. 40B

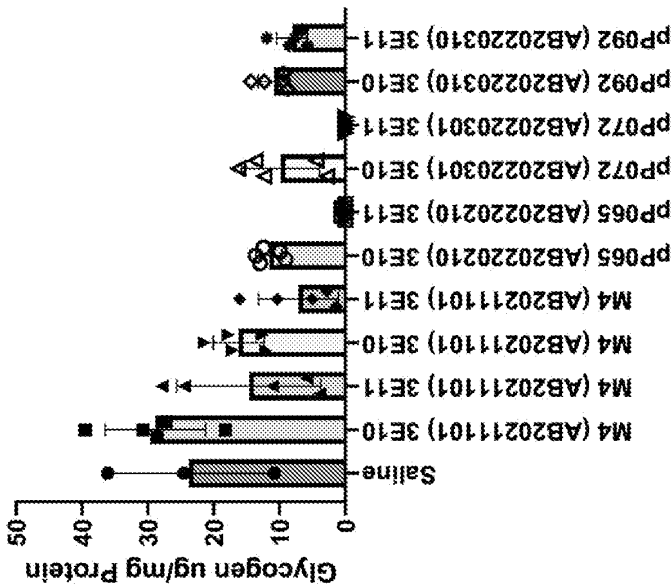


Fig. 42

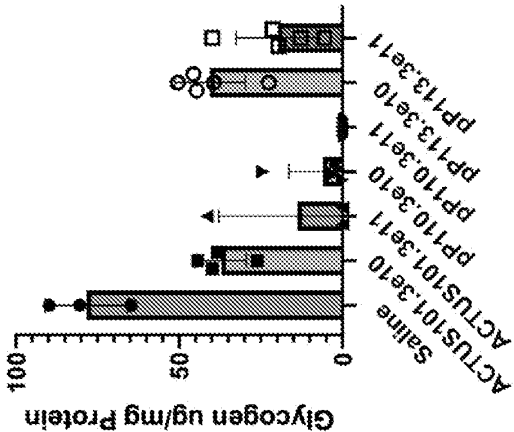


Fig. 41