

FIG. 1A

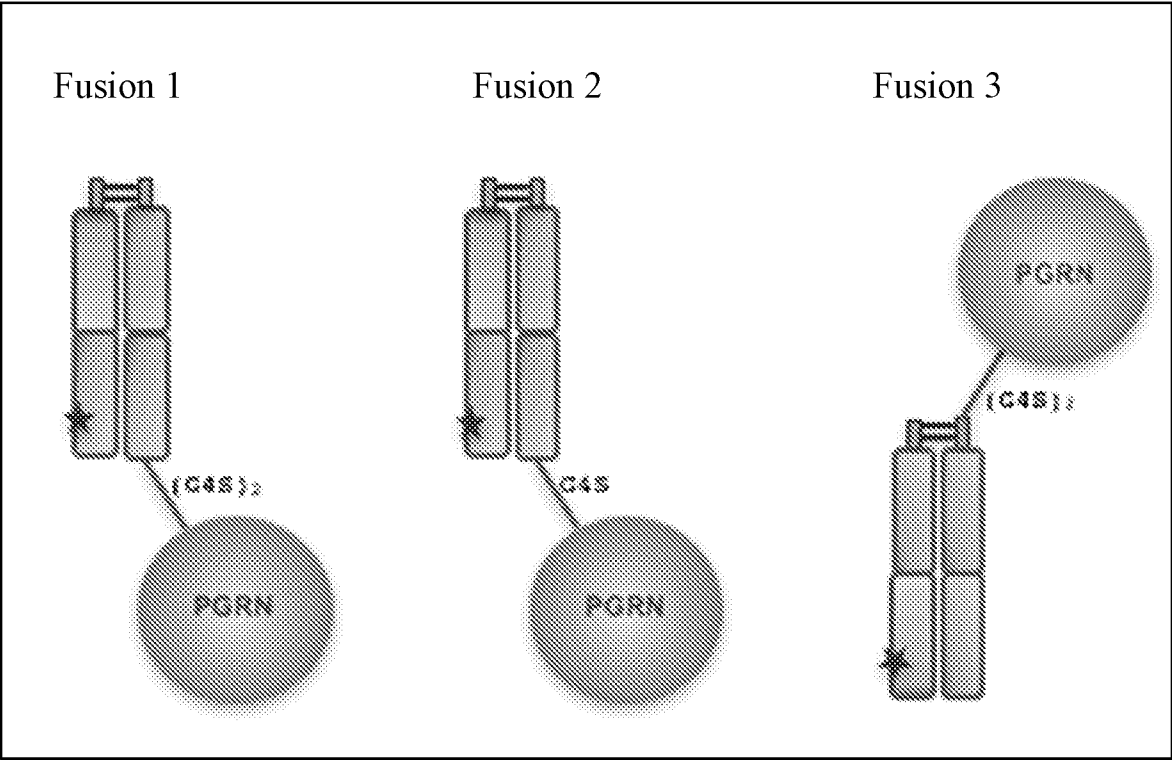


FIG. 1B

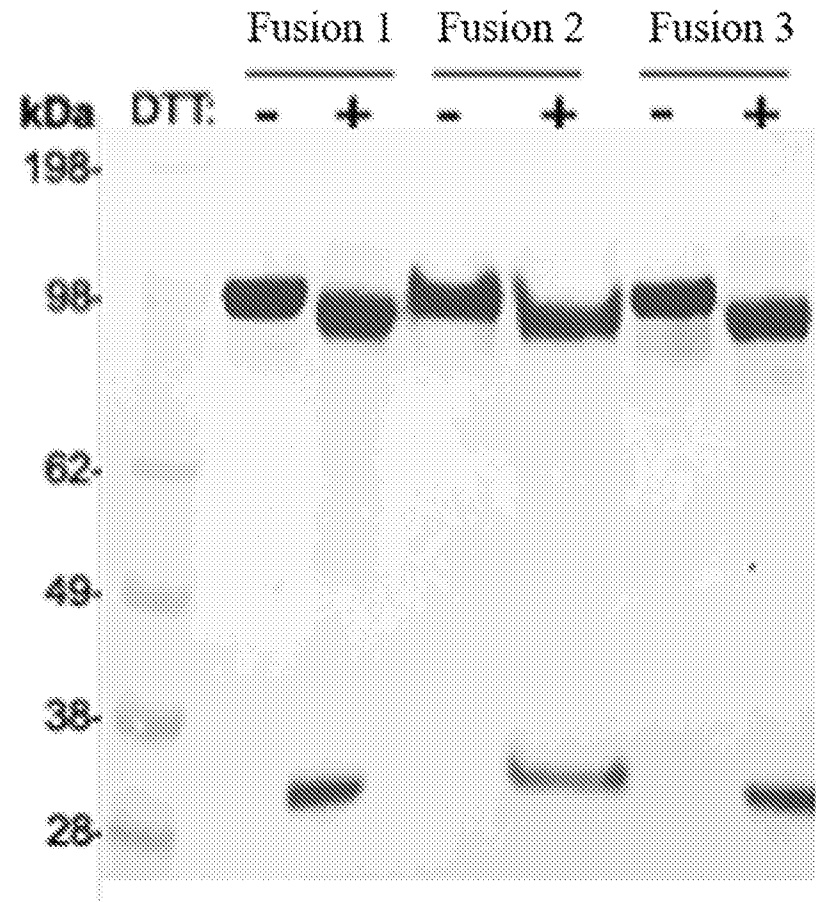


FIG. 1C

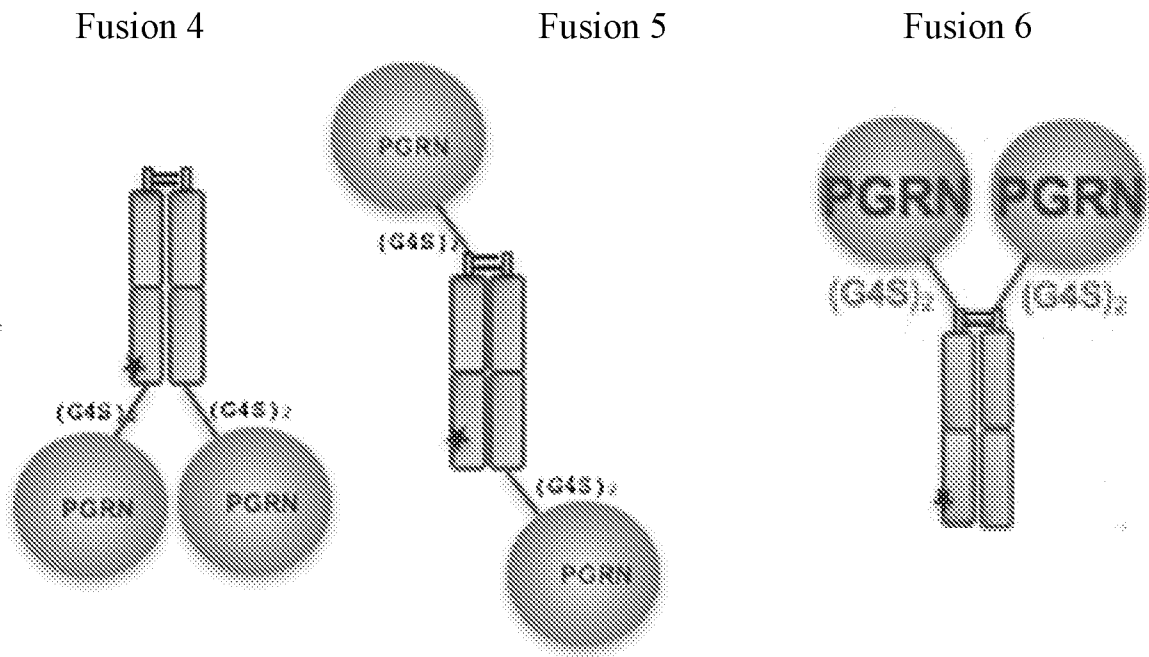


FIG. 1D

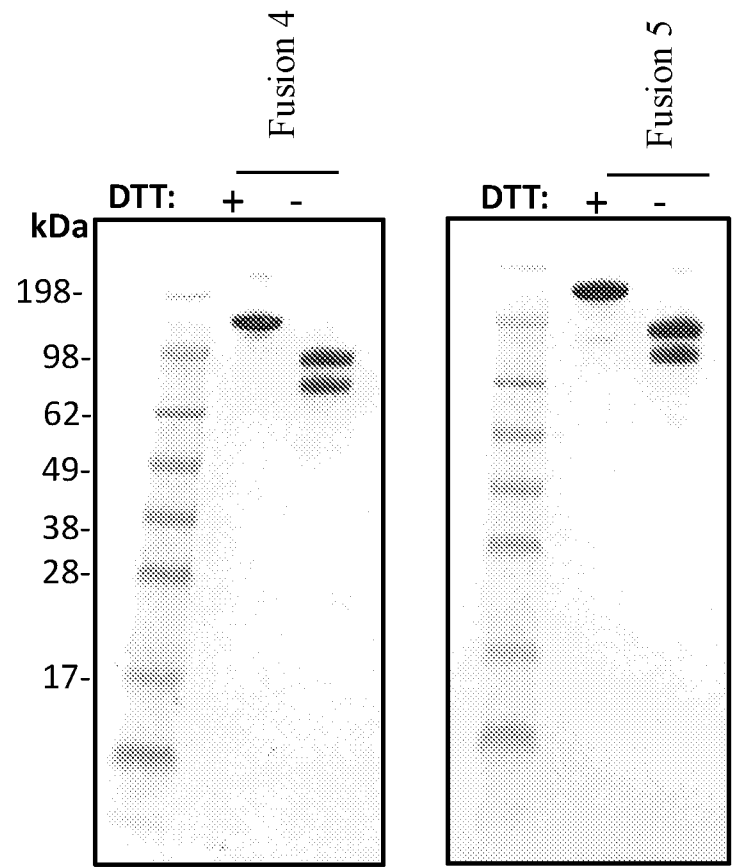
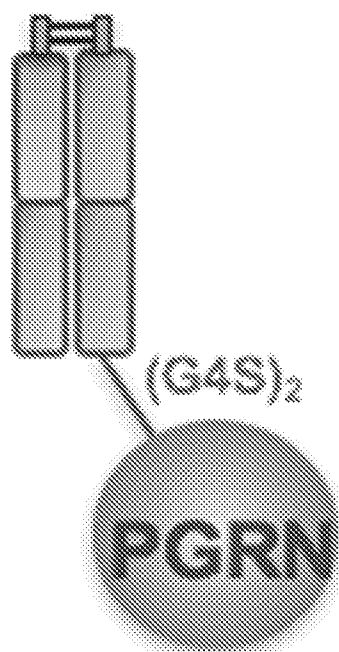


FIG. 1E

Fusion 7



Fusion 8

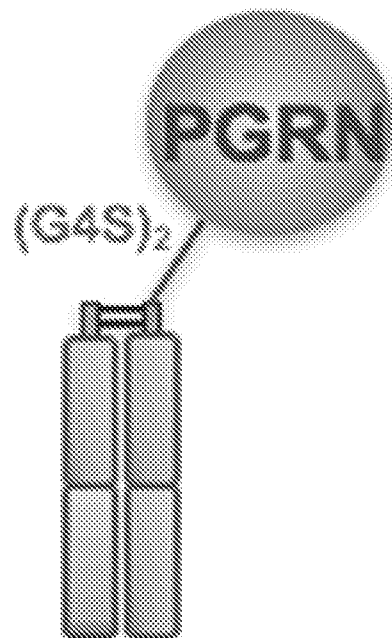


FIG. 2A

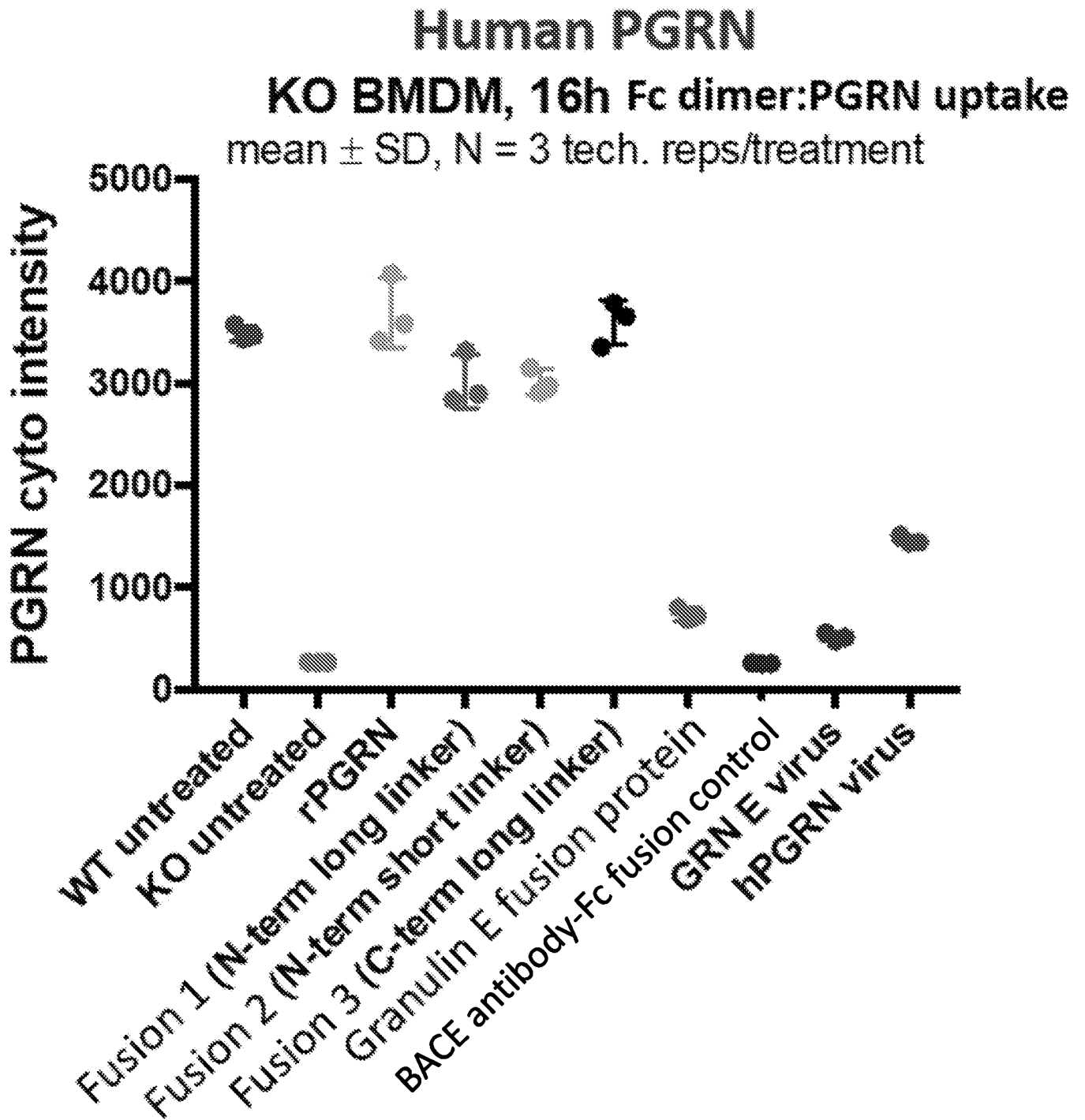


FIG. 2B

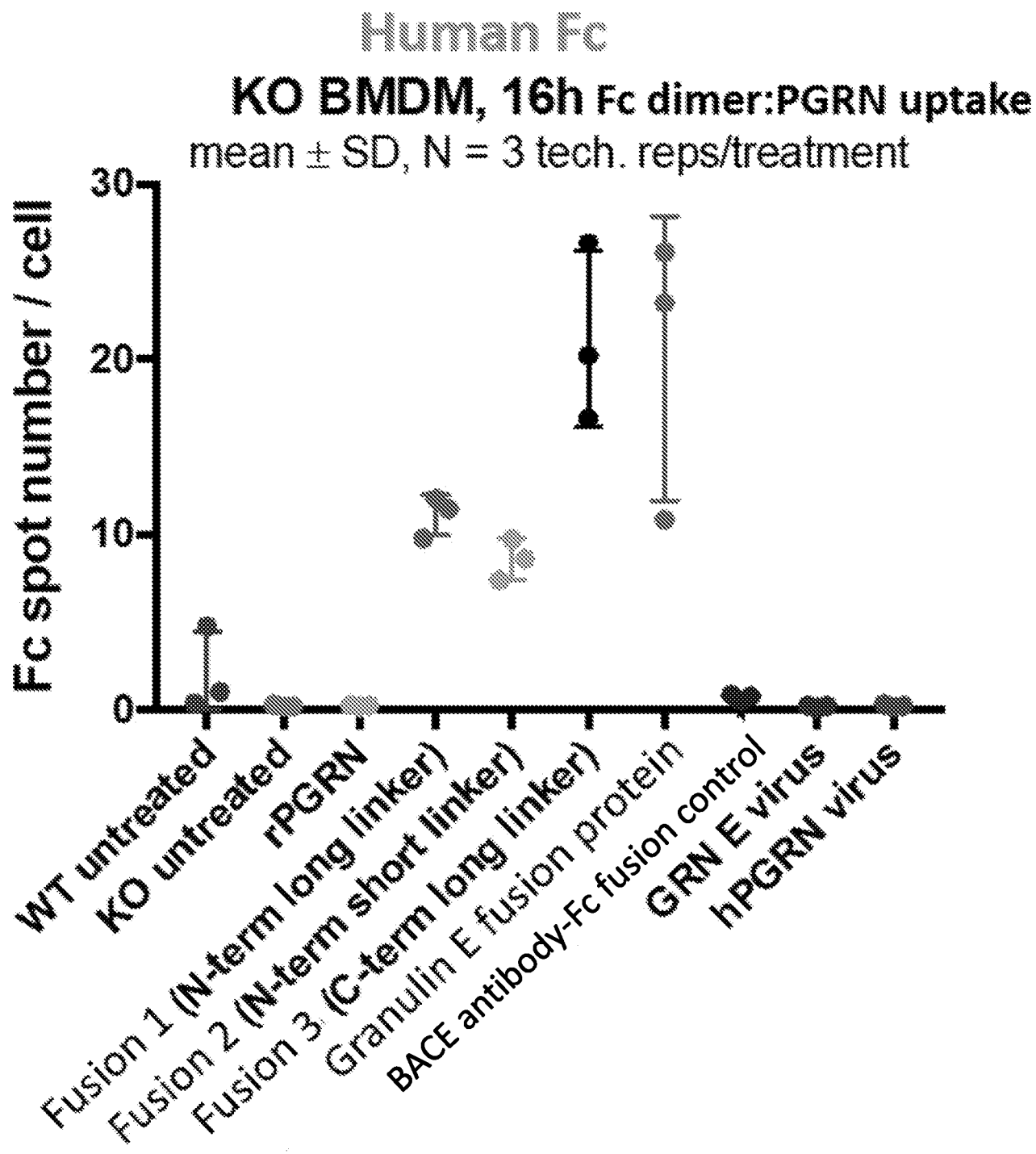


FIG. 3

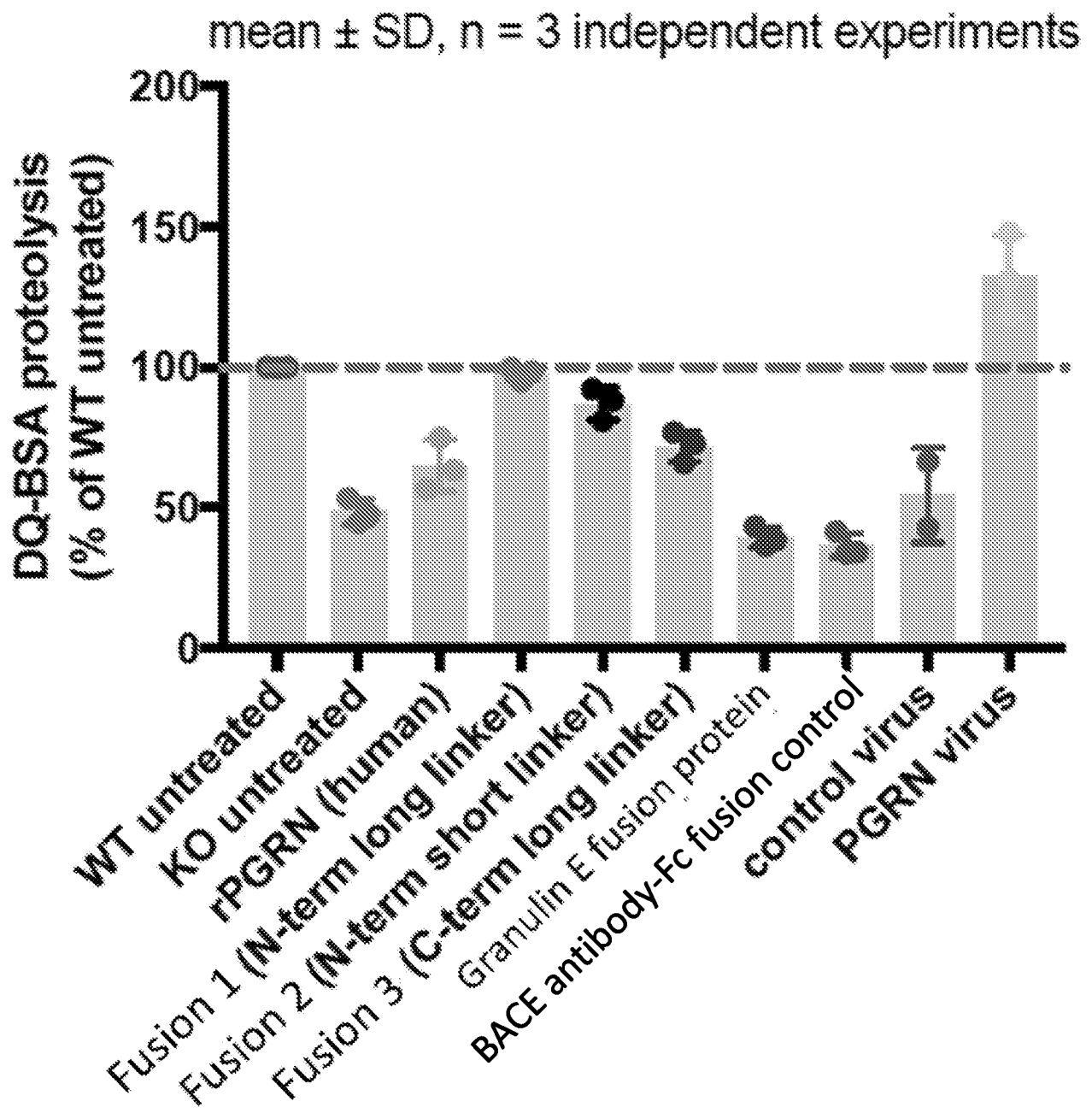
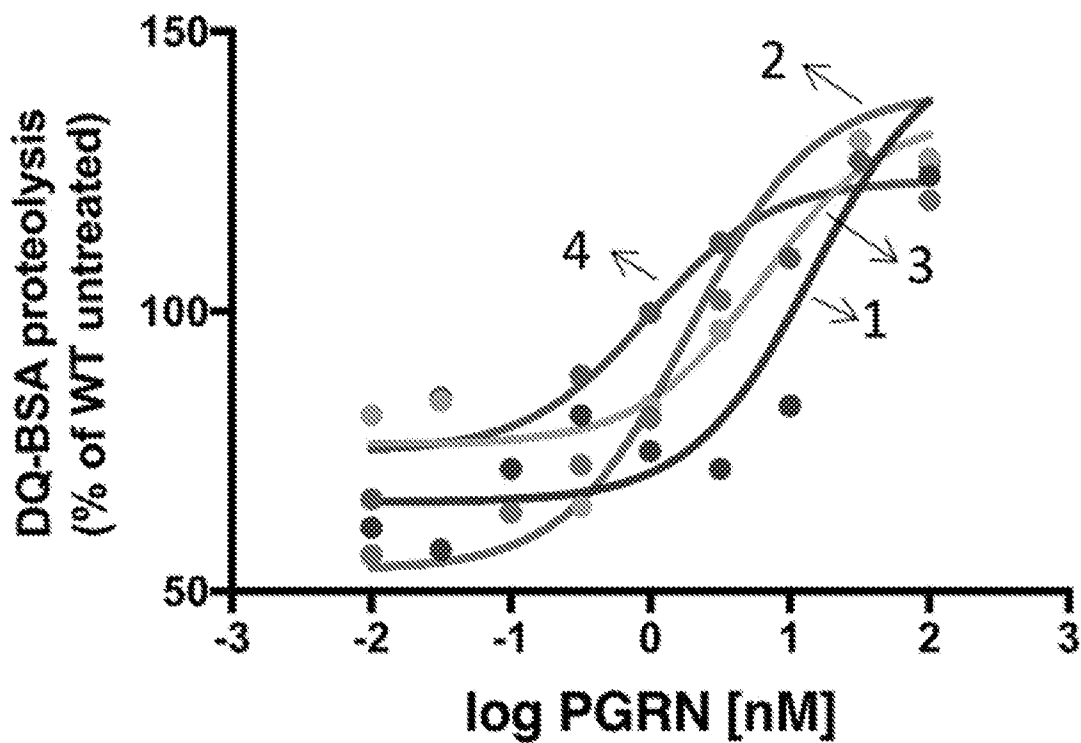
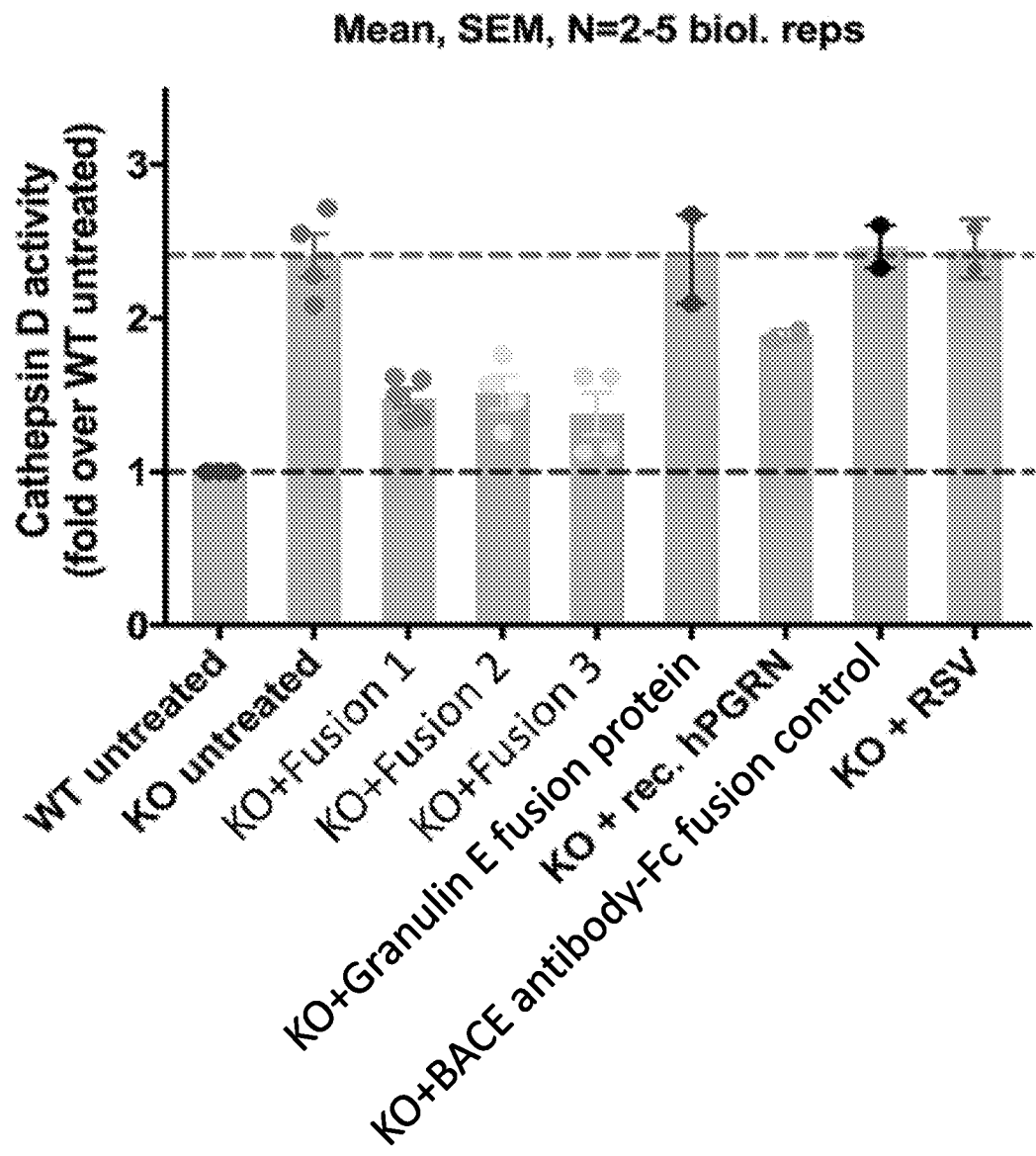


FIG. 4

Fc dimer:PGRN fusion protein 24h dose-response

- 1 —●— KO+Fusion 1 (N-term long linker)
- 2 —■— KO+Fusion 3 (C-term long linker)
- 3 —◆— KO+Fusion 4 (bi-headed parallel)
- 4 —▲— KO+Fusion 5 (bi-headed anti-parallel)

FIG. 5



Fusion 1	N-term, long linker	Fusion 3	C-term, long linker
Fusion 2	N-term, short linker	Granulin E fusion protein	N-term, Grn E

FIG. 6A

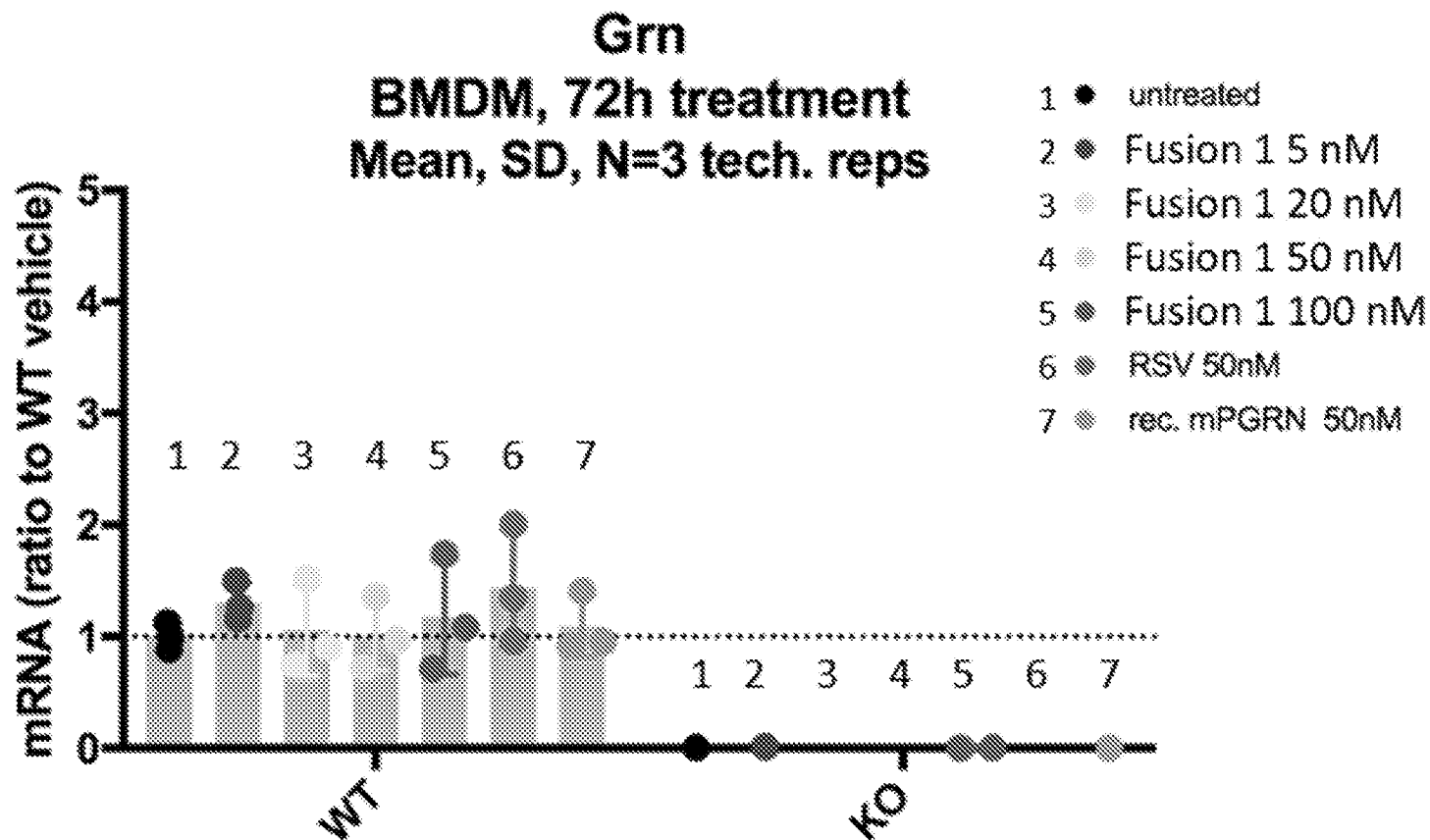


FIG. 6B

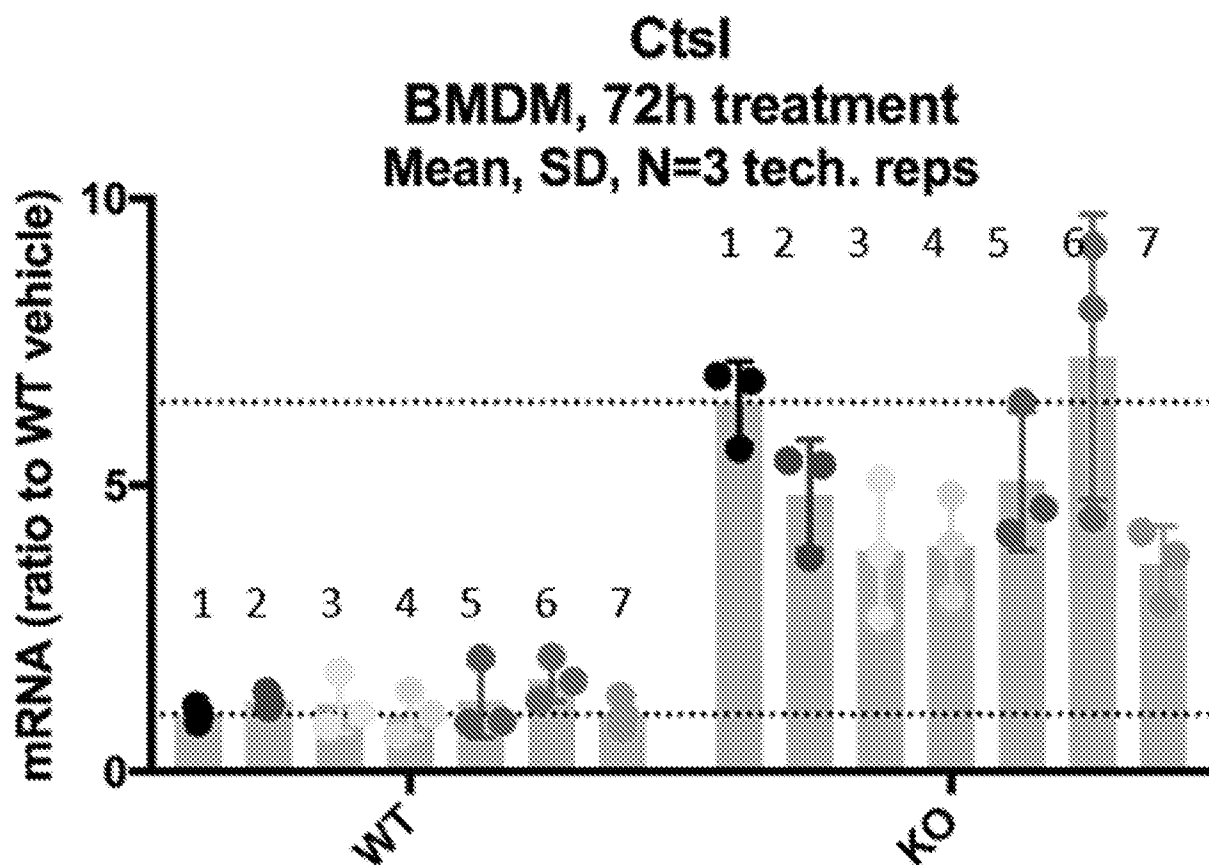


FIG. 6C

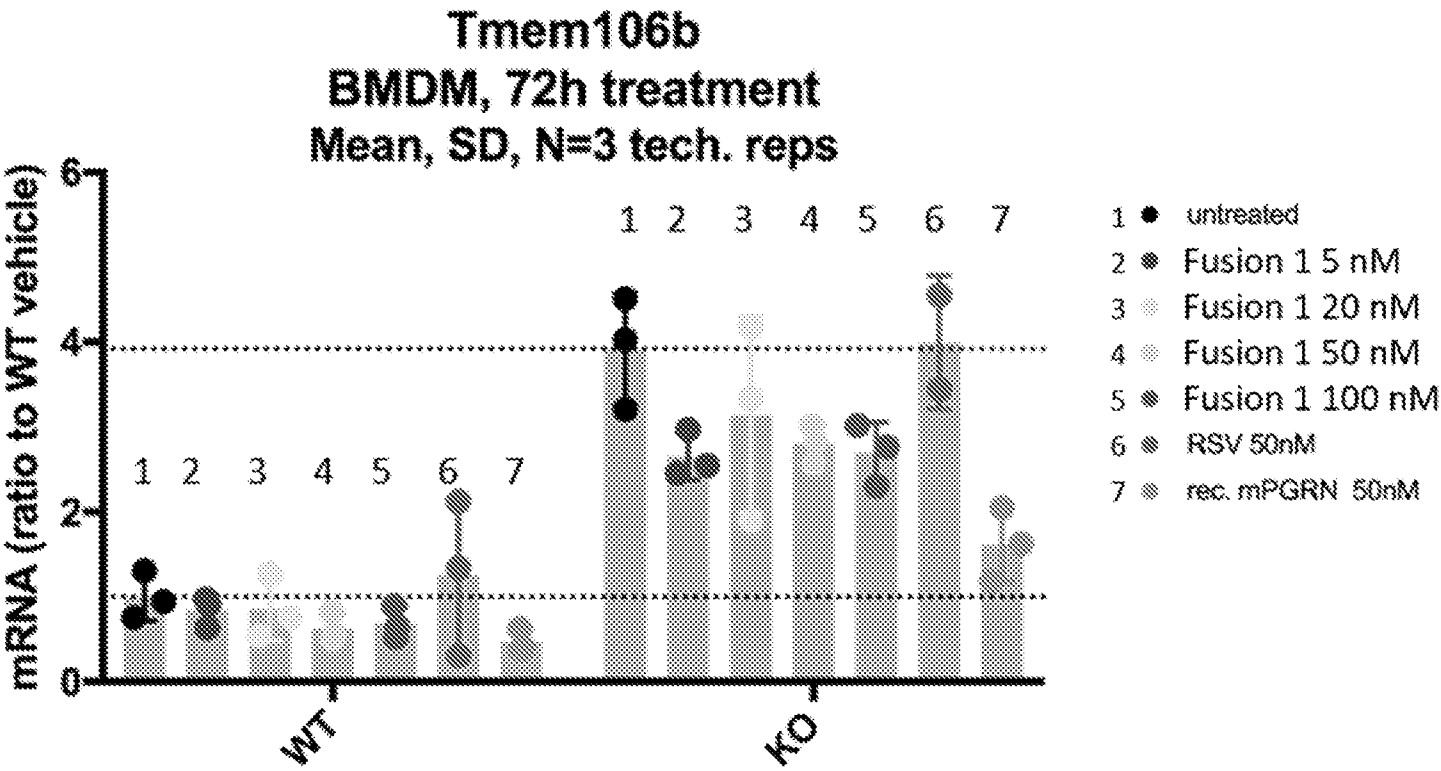
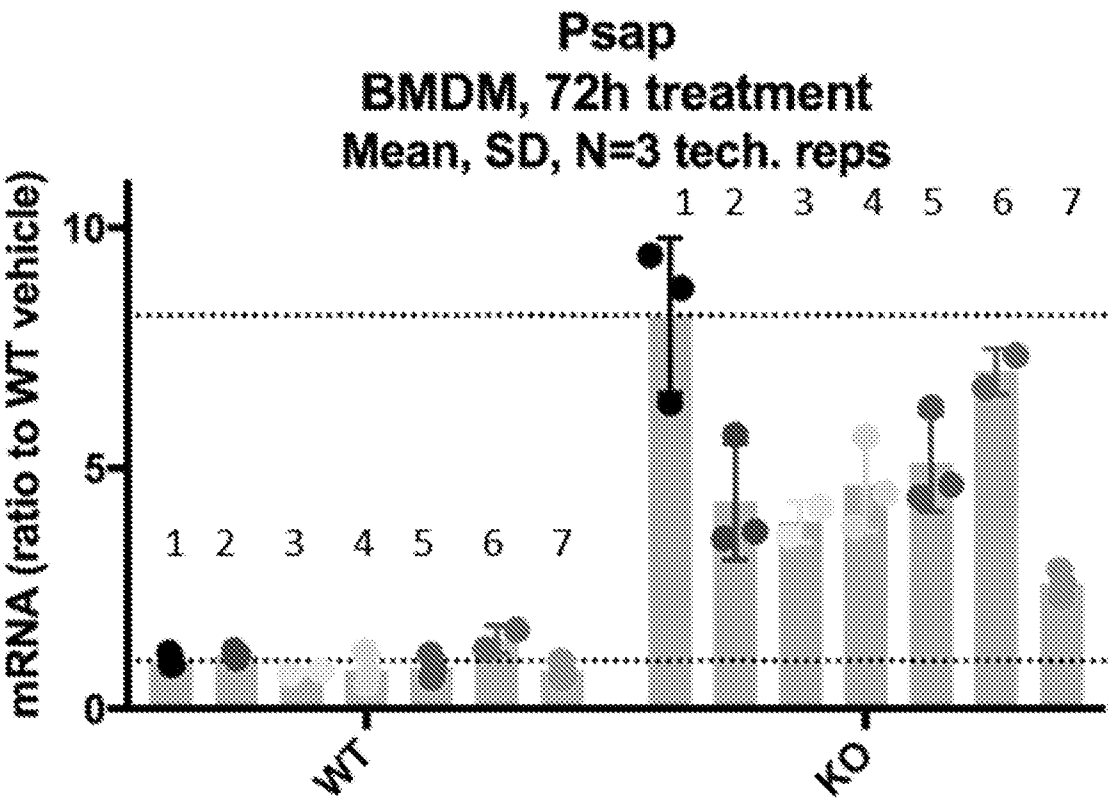
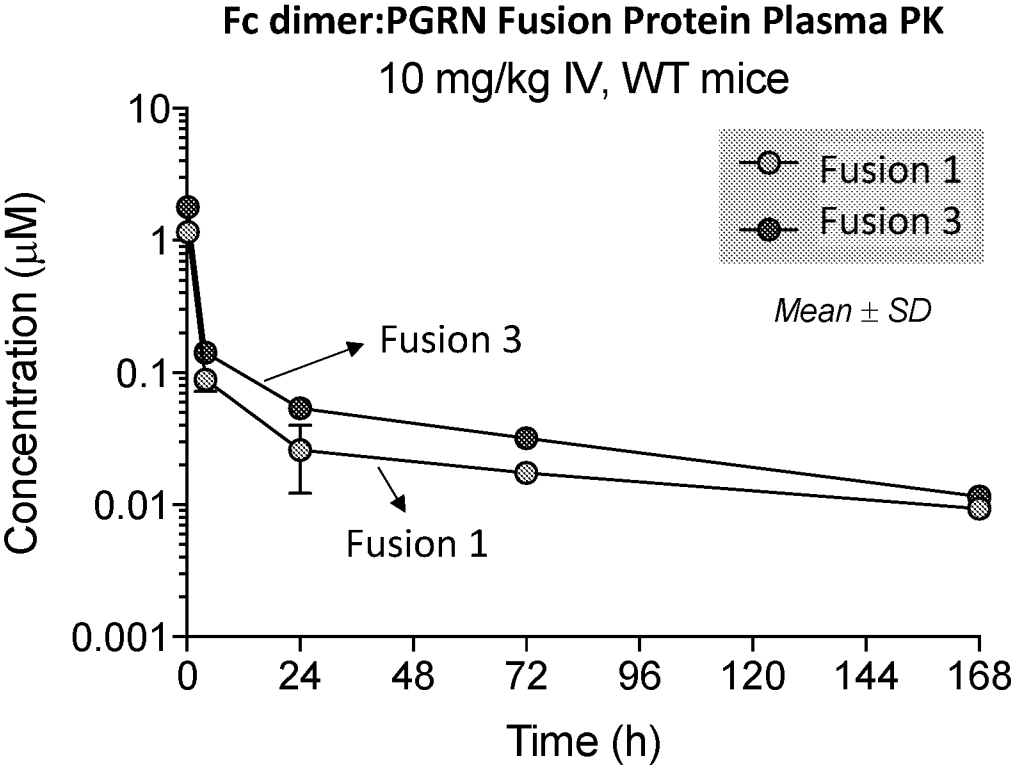


FIG. 6D





	CL (mL/day/kg)	T _{1/2} (h)
Fusion 1	283	99
Fusion 3	186	65

FIG. 7B

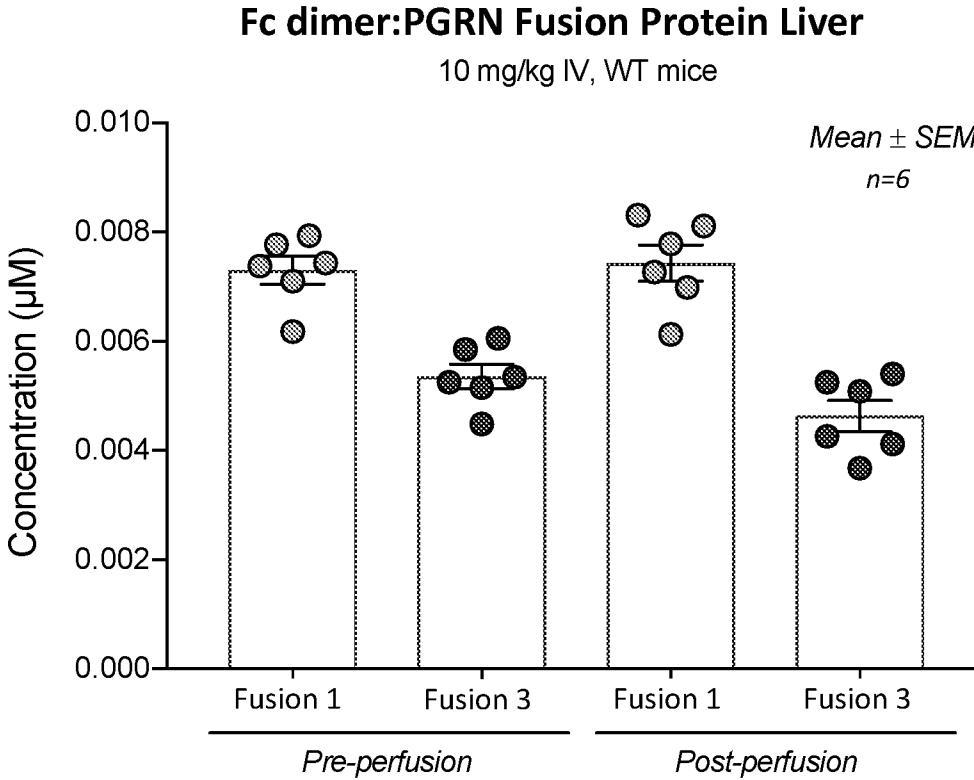


FIG. 8A

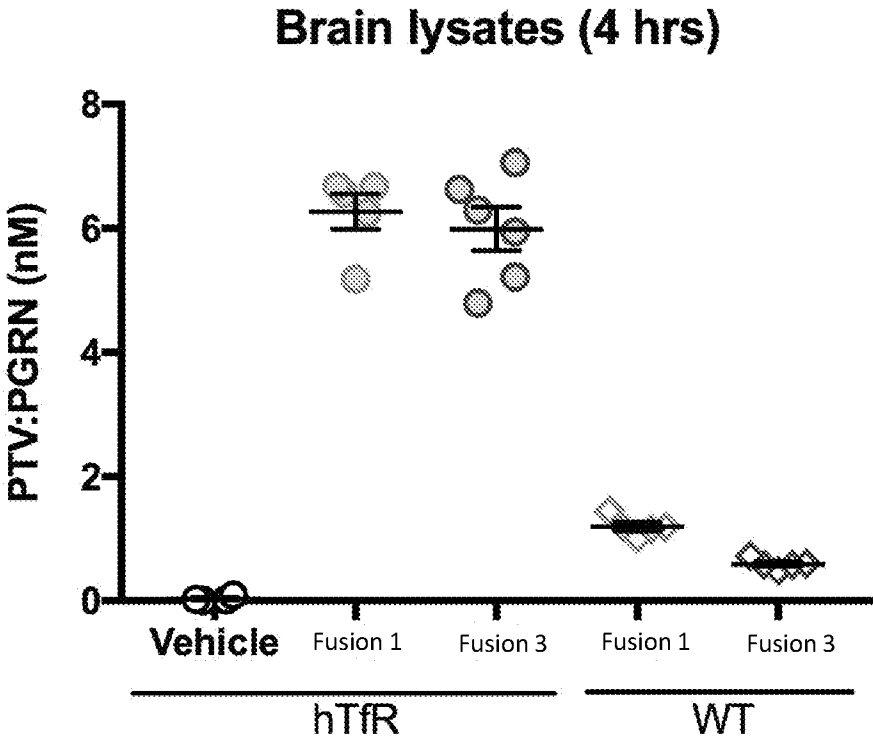


FIG. 8B

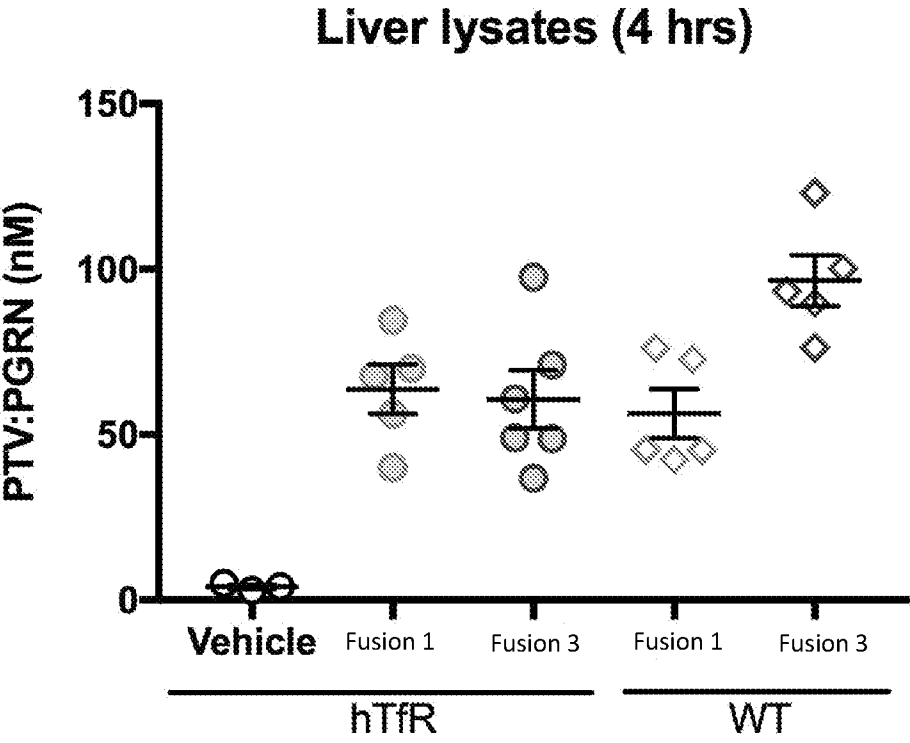


FIG. 9A

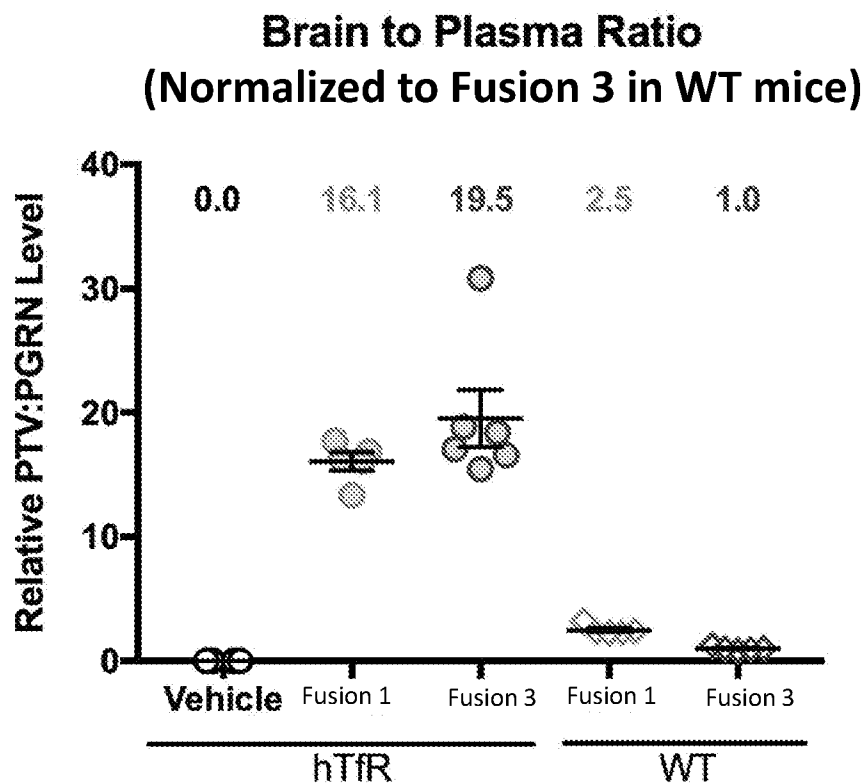


FIG. 9B

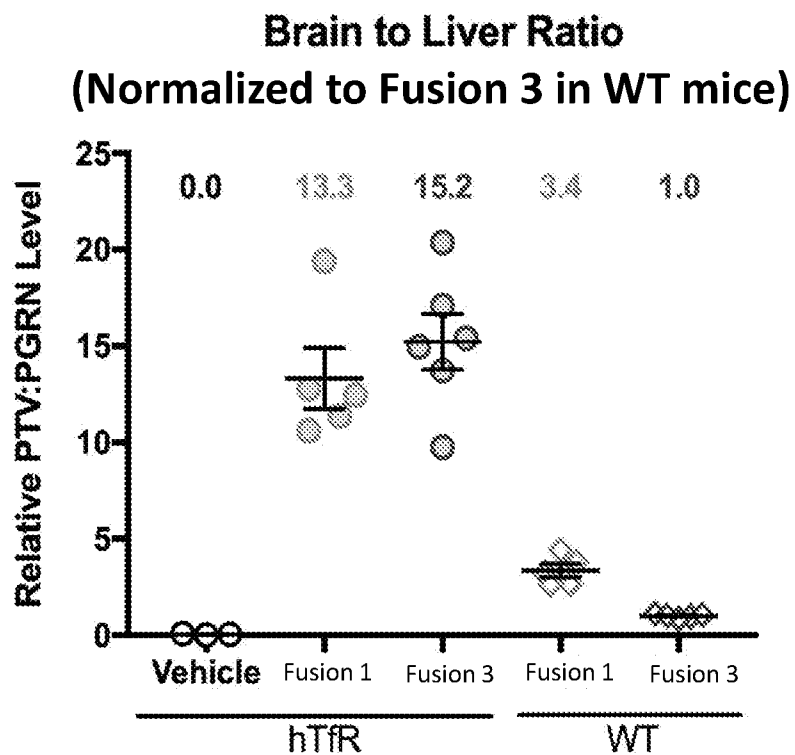


FIG. 10A

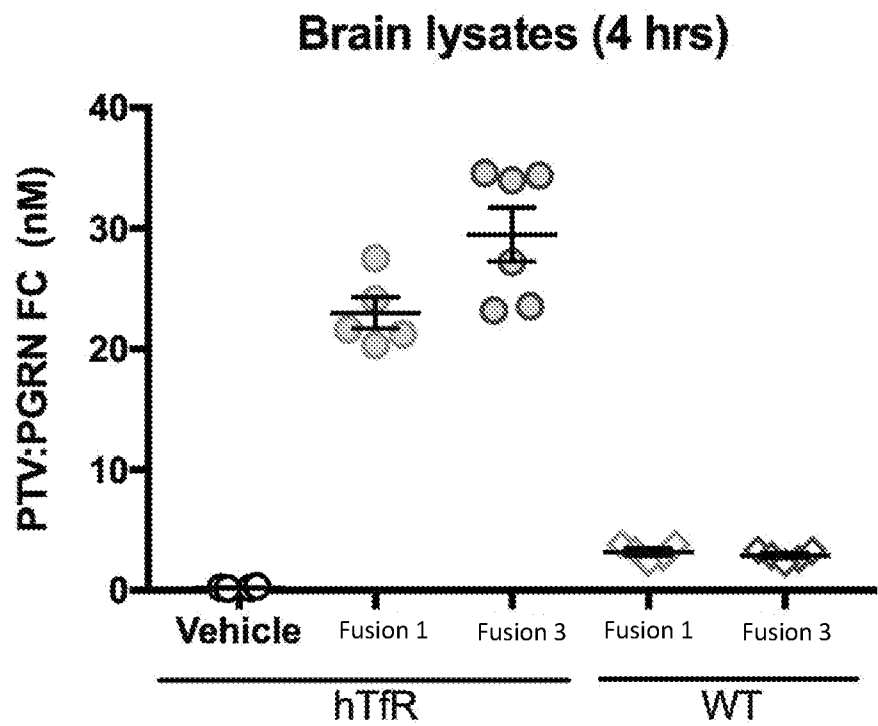


FIG. 10B

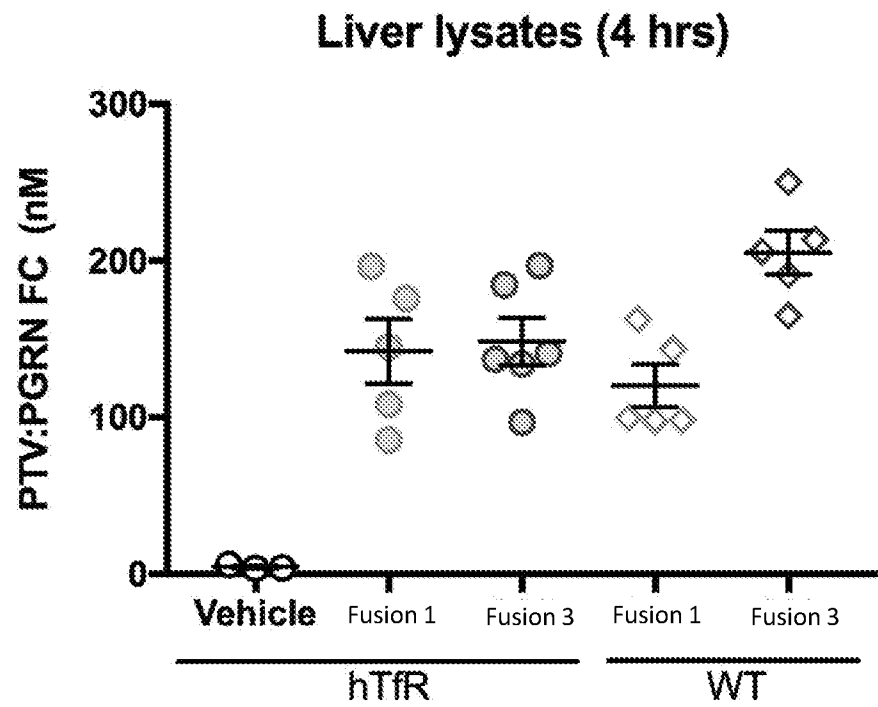


FIG. 11A

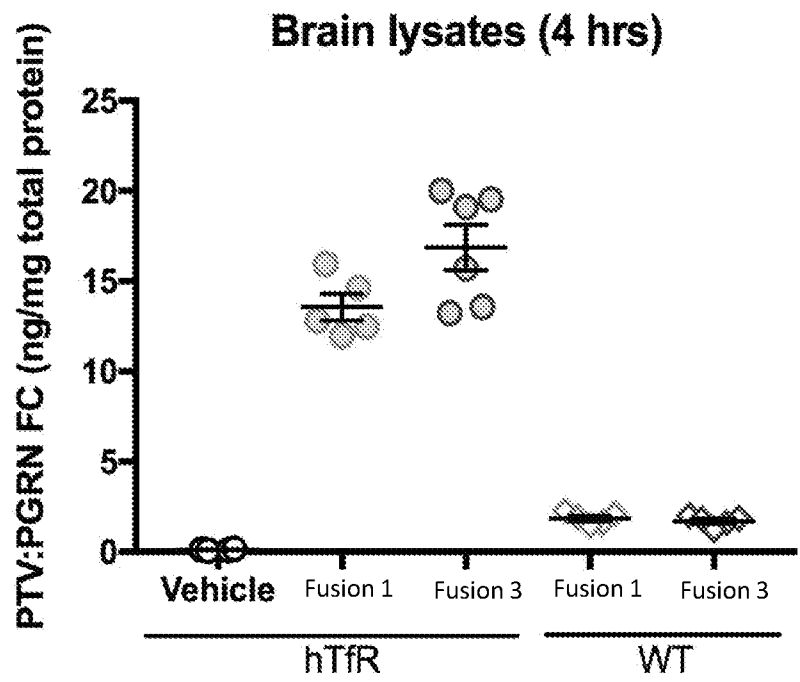


FIG. 11B

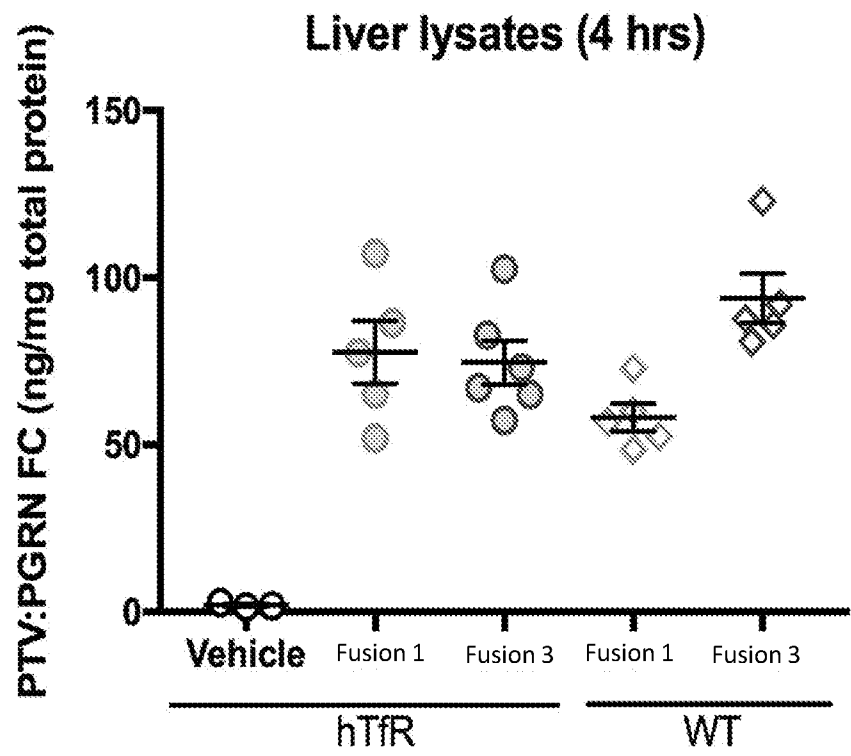


FIG. 12A

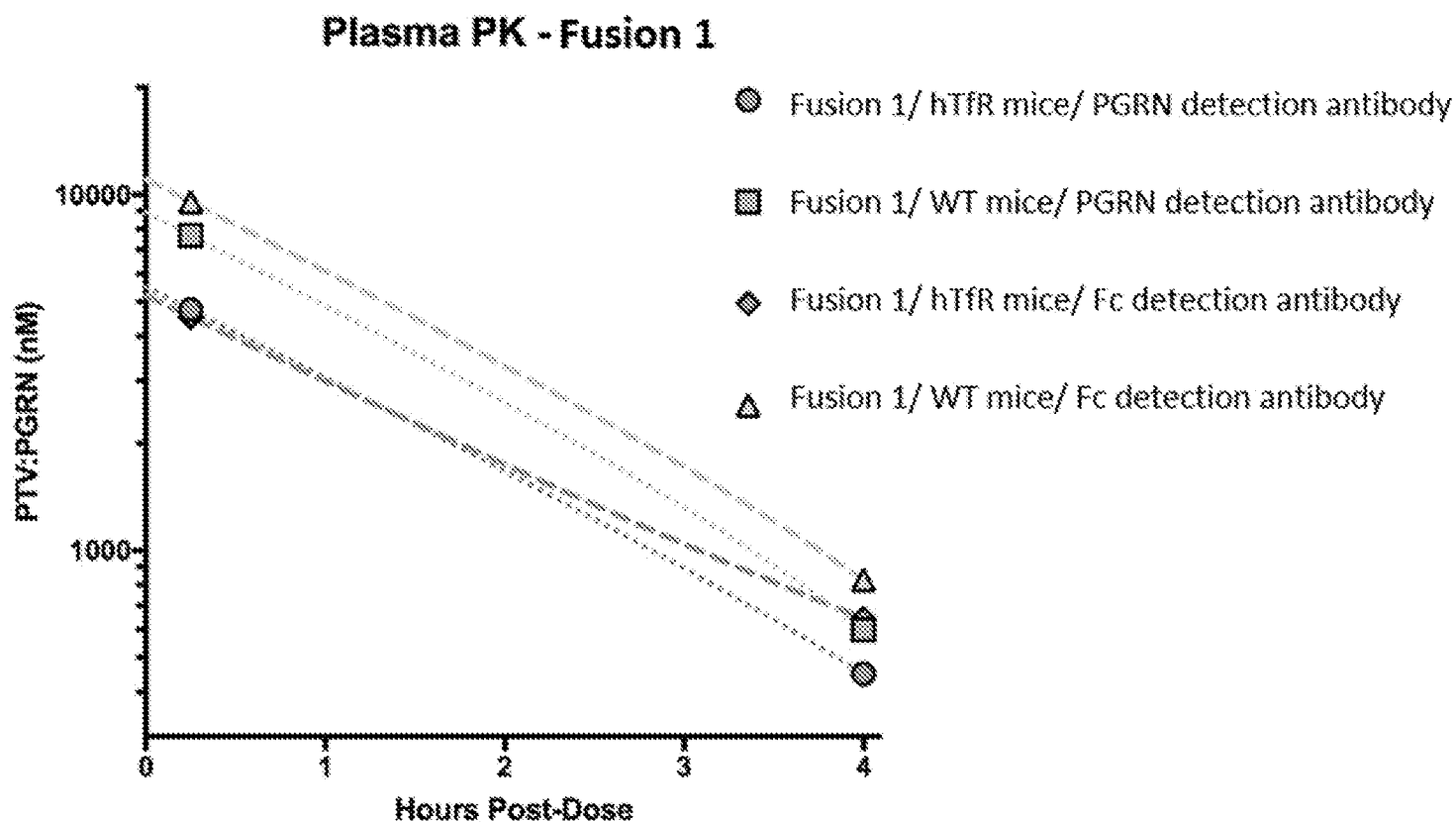


FIG. 12B

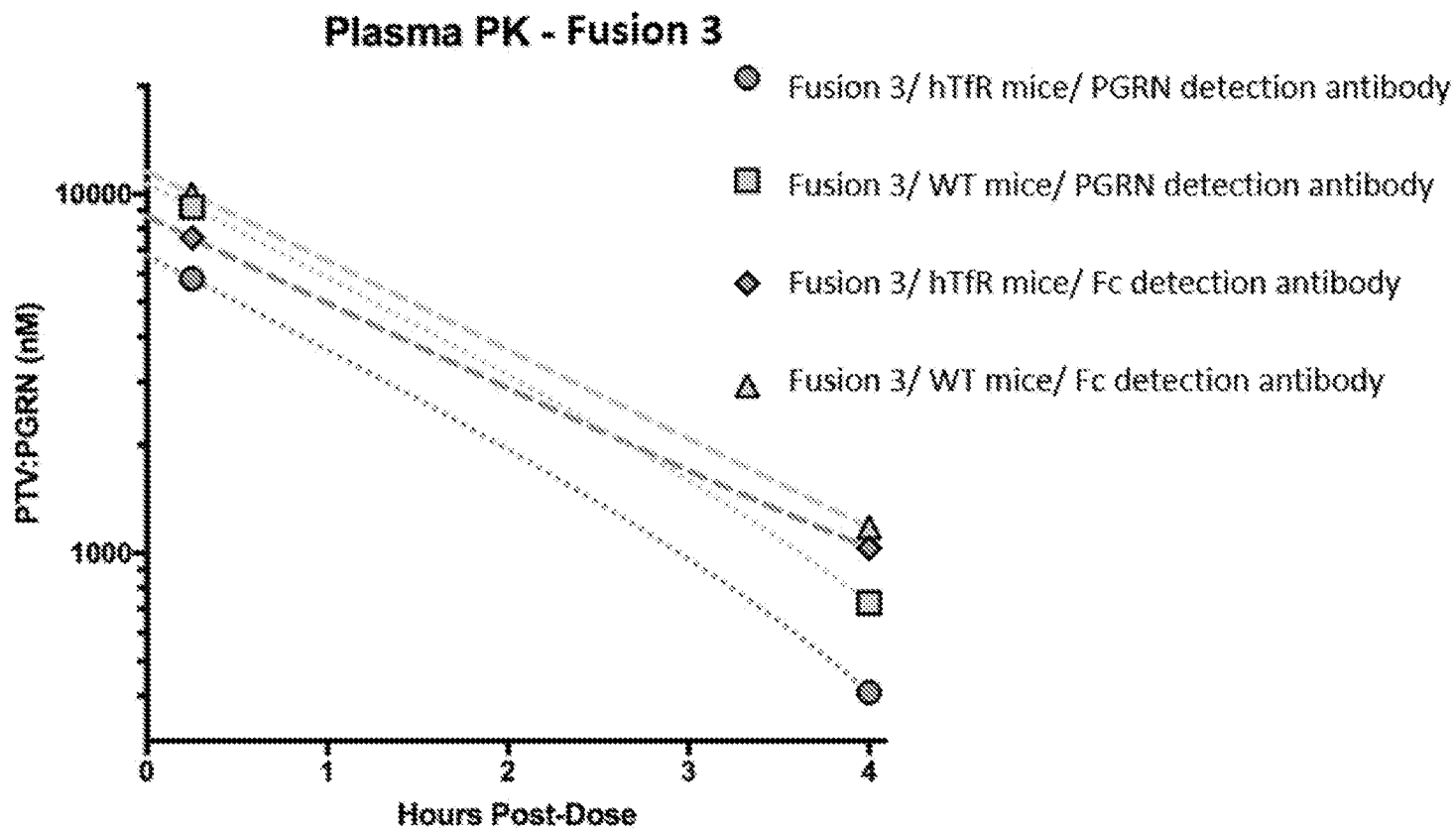


FIG. 12C

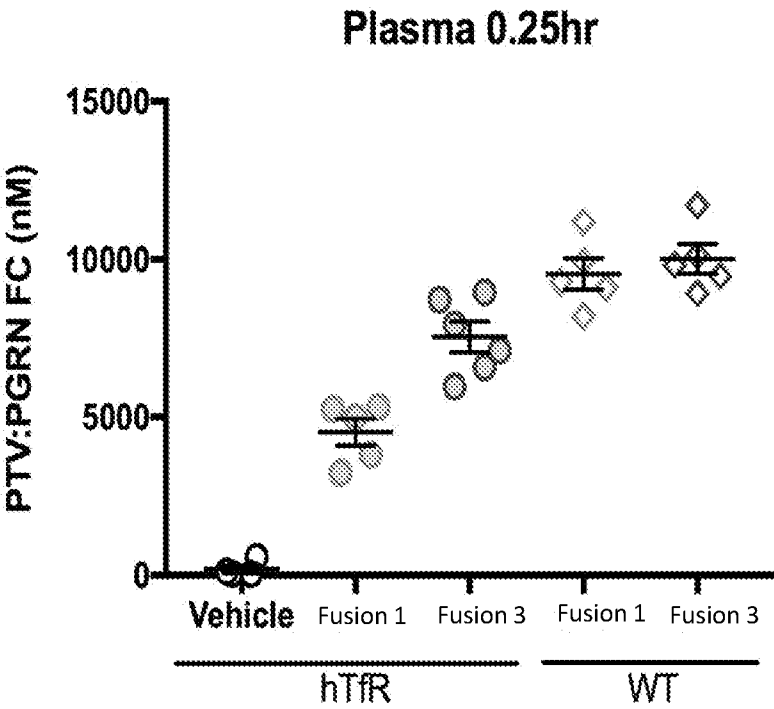


FIG. 12D

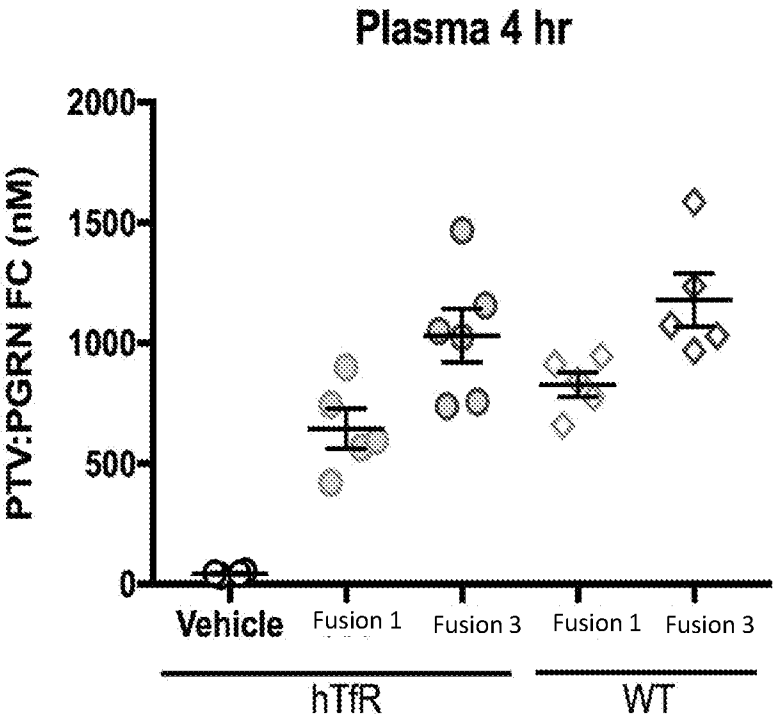


FIG. 13A

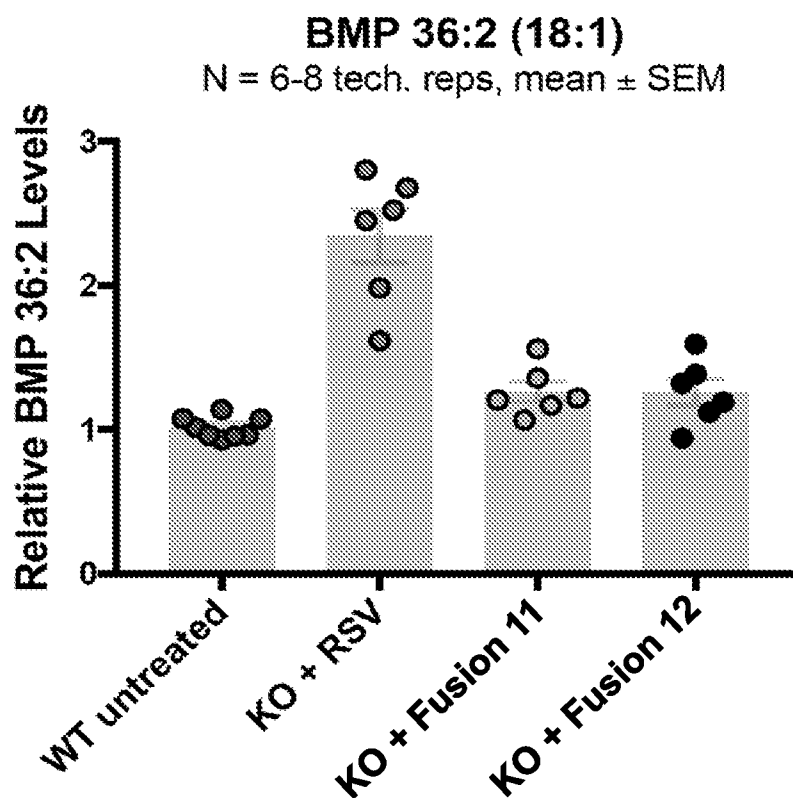


FIG. 13B

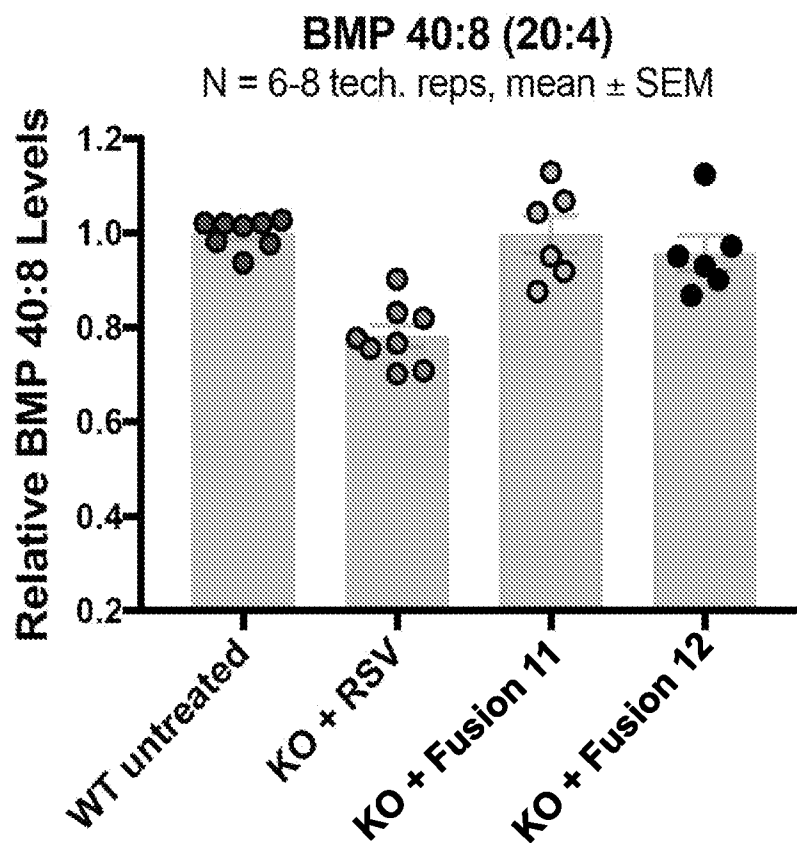


FIG. 13C

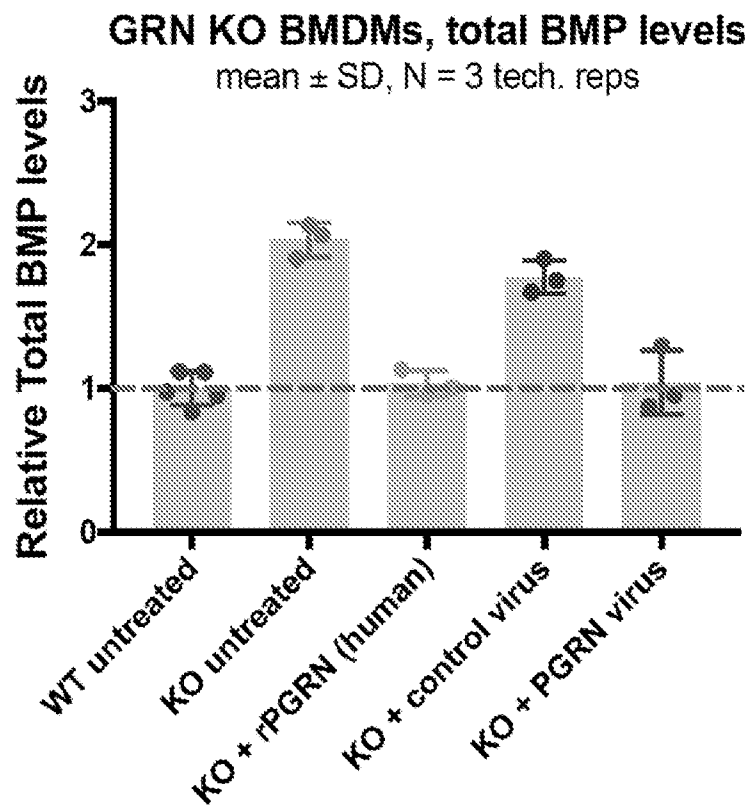


FIG. 13D

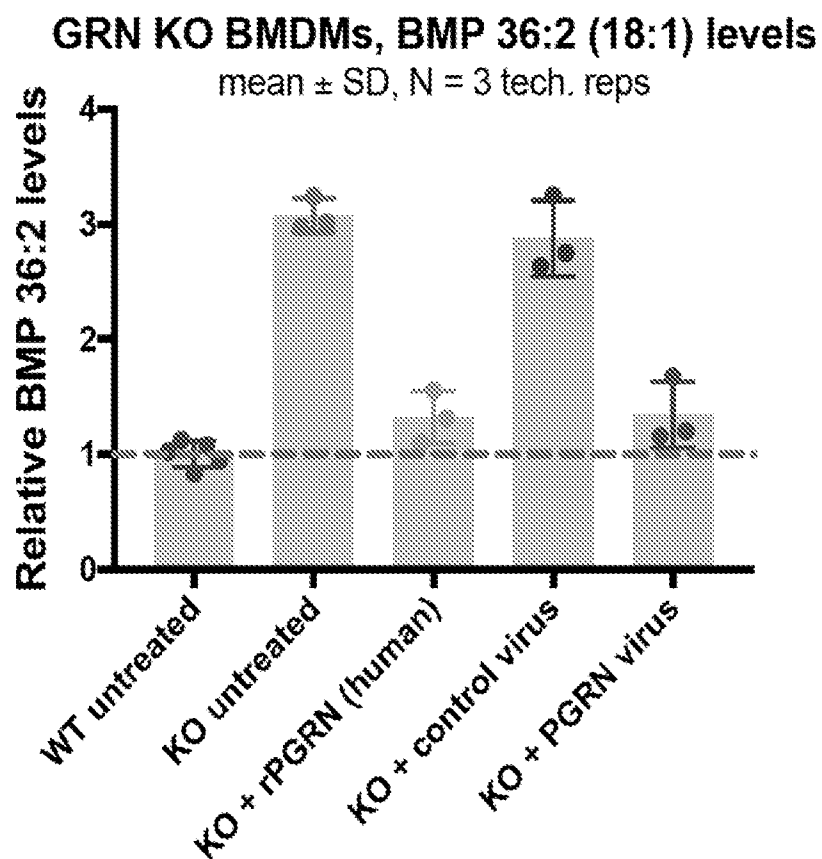


FIG. 14A

Periphery

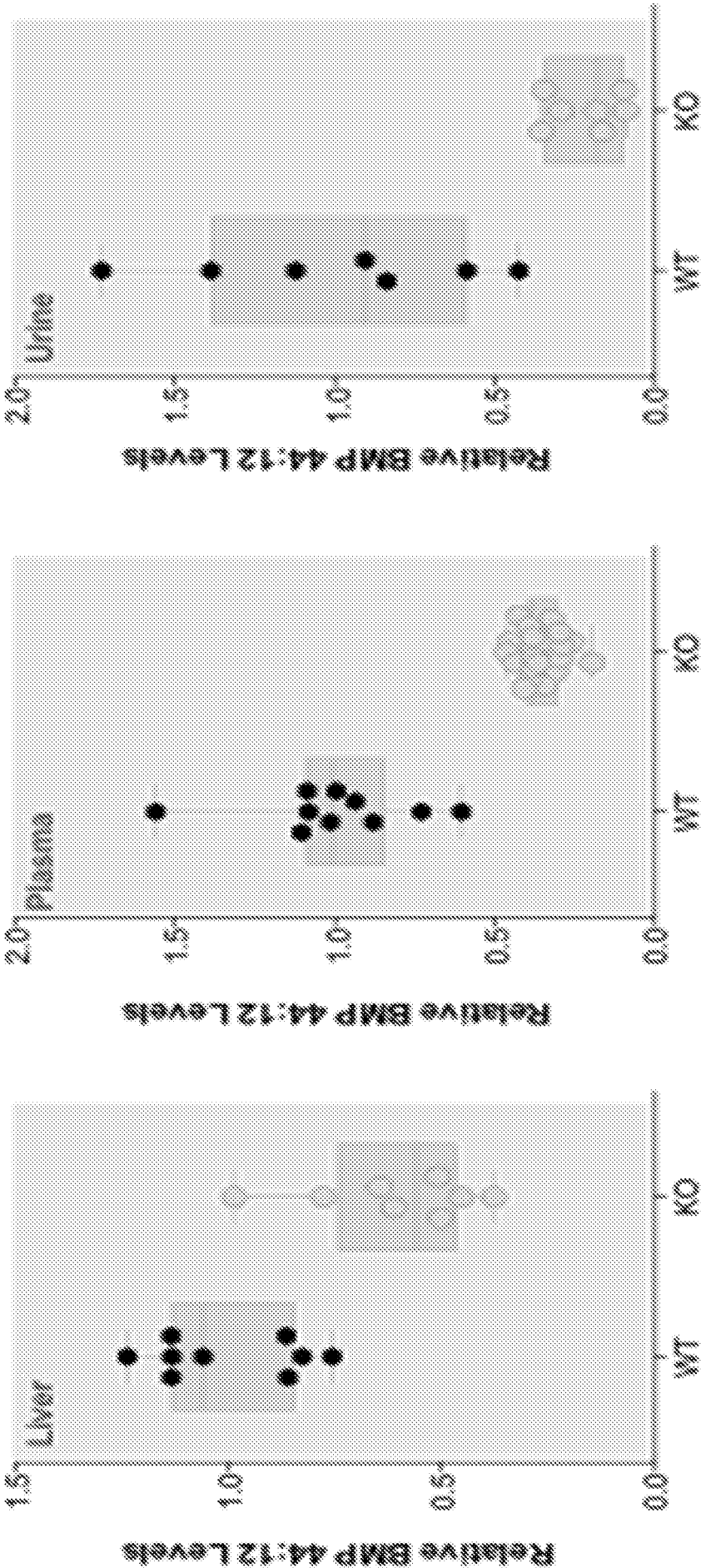


FIG. 14B

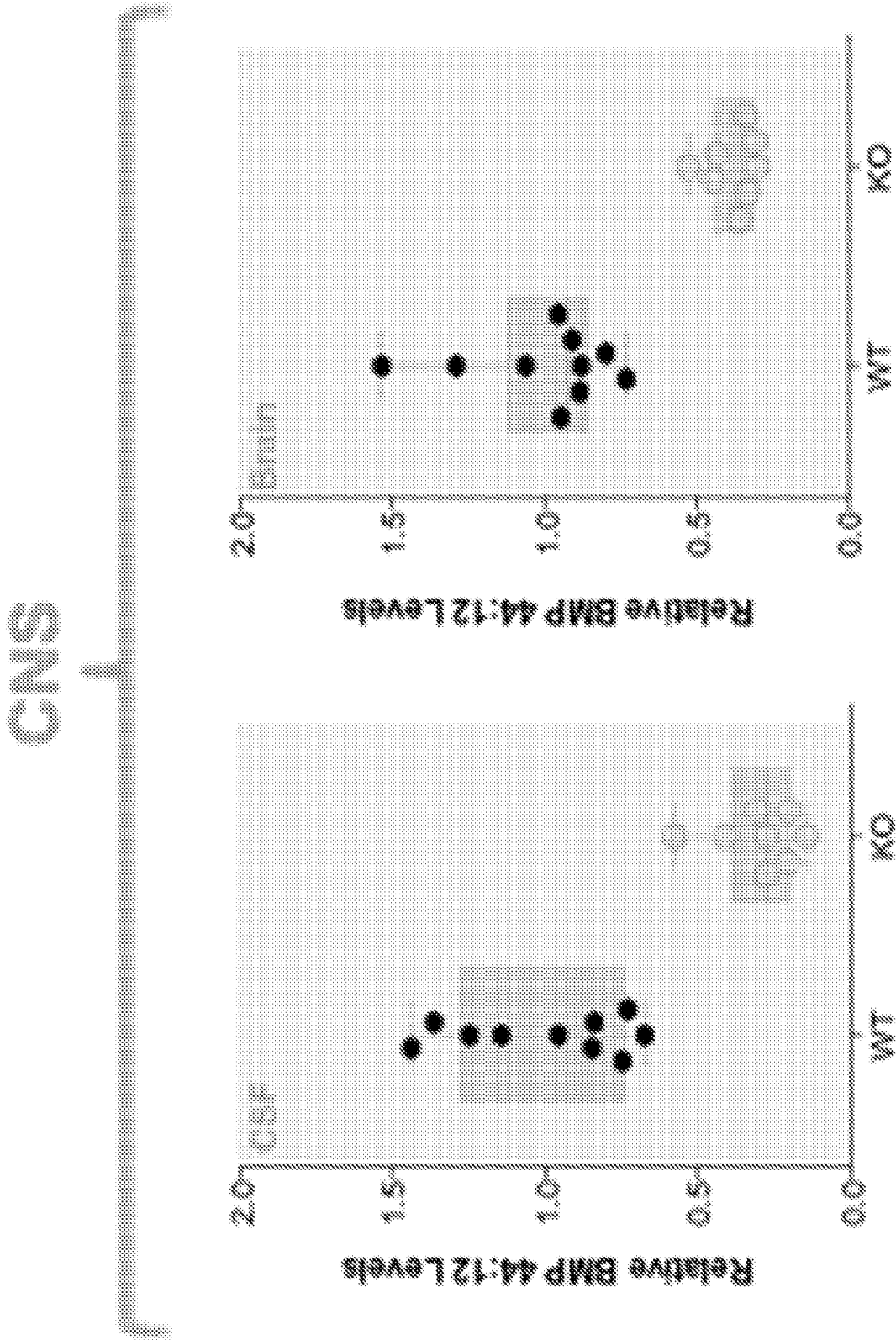


FIG. 15

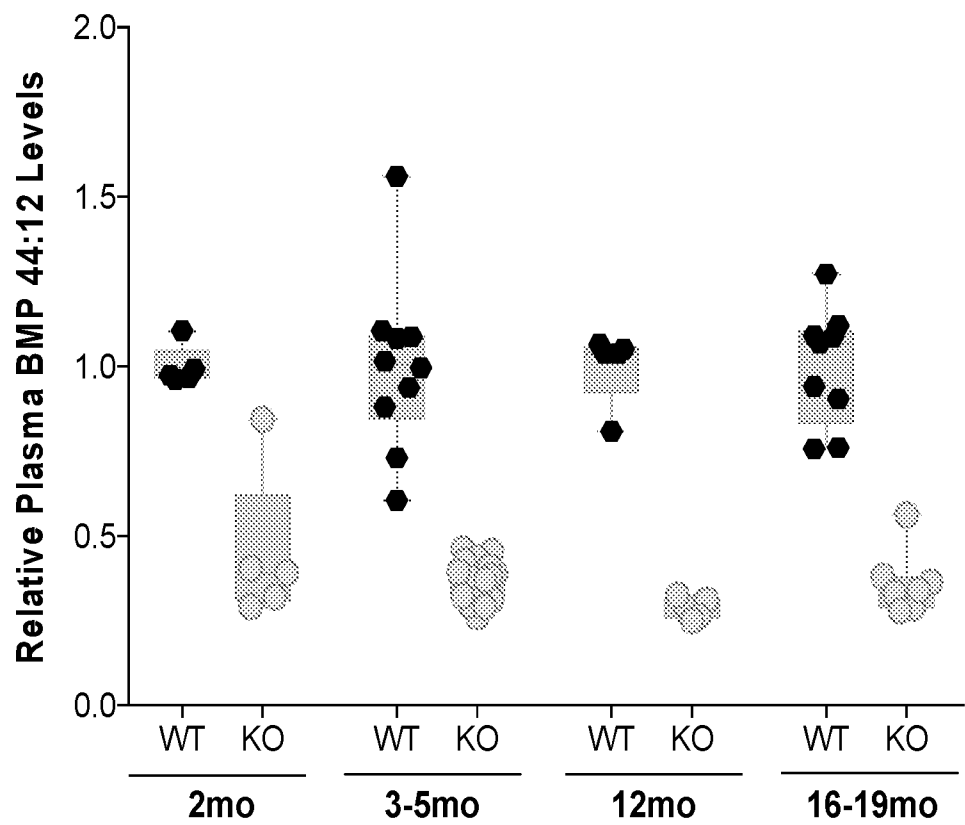


FIG. 16A

Liver BMP

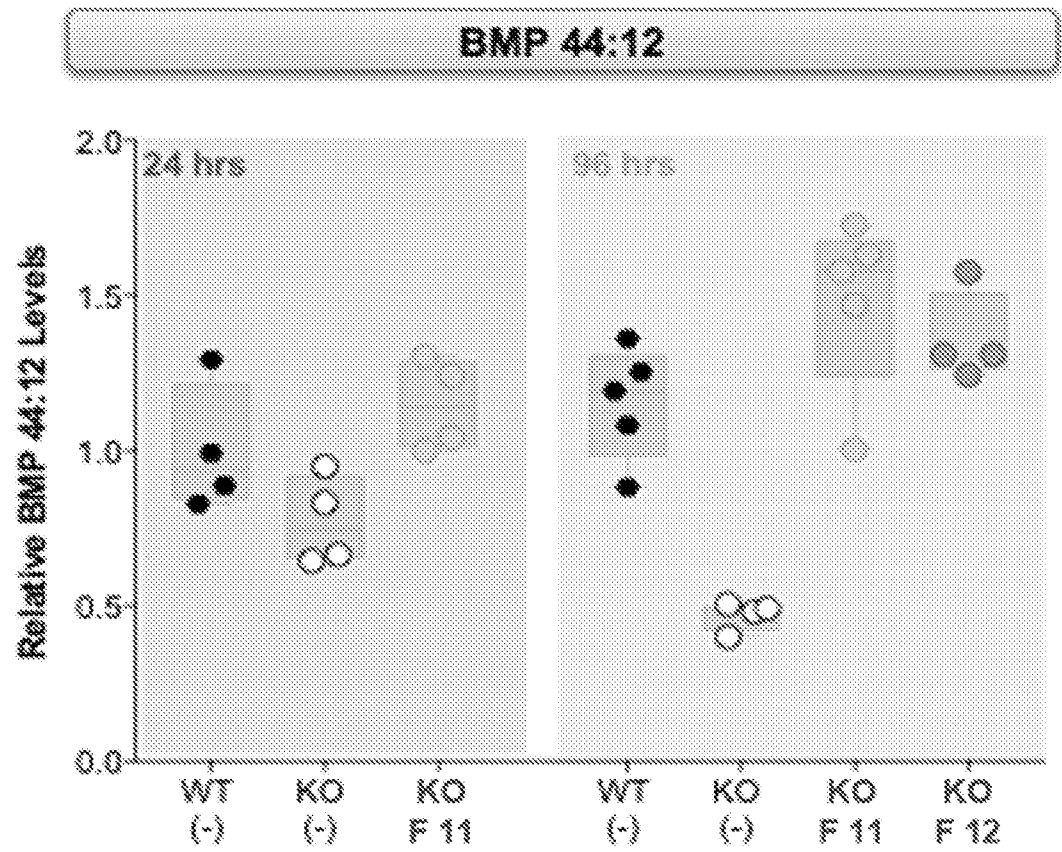


FIG. 16B

Liver BMP

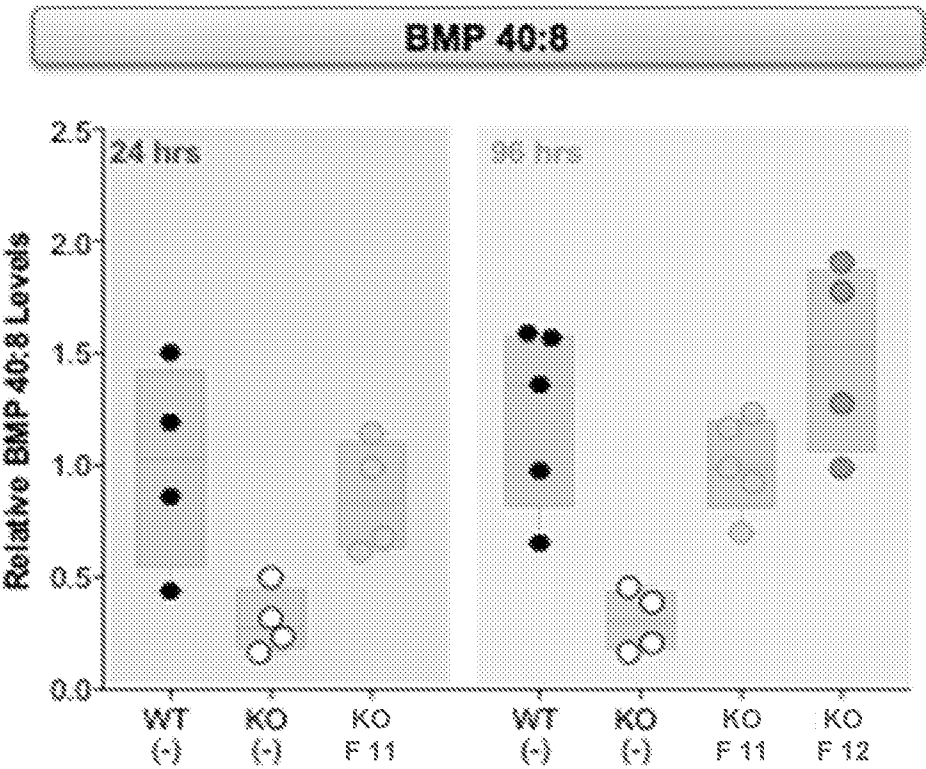


FIG. 17

Plasma BMP

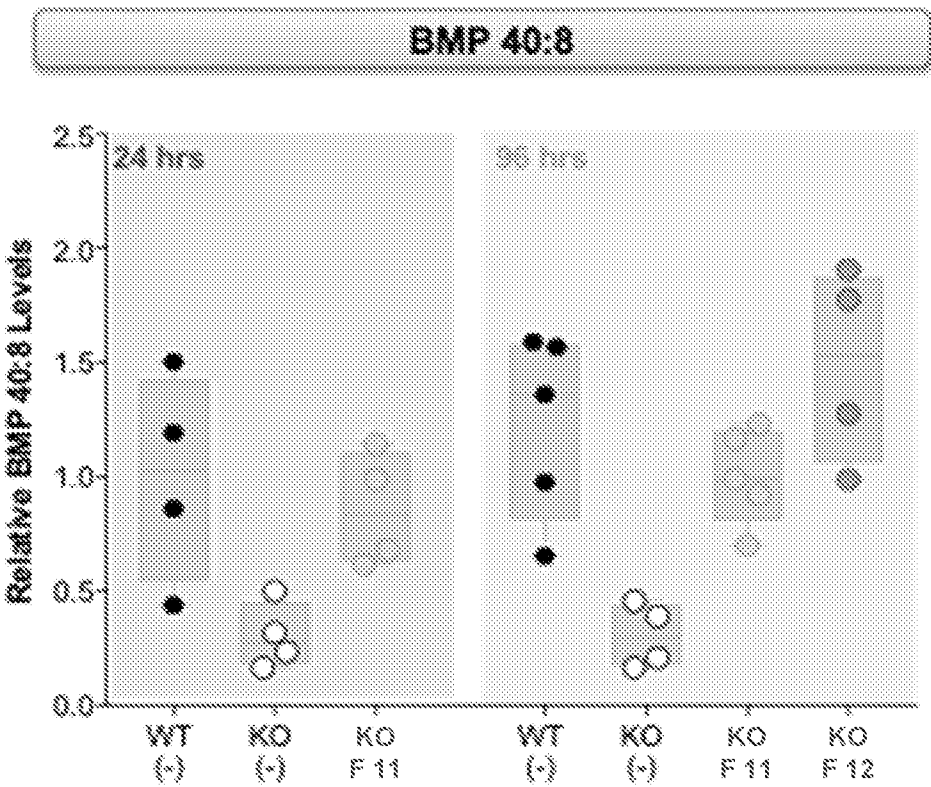


FIG. 18

Urine BMP

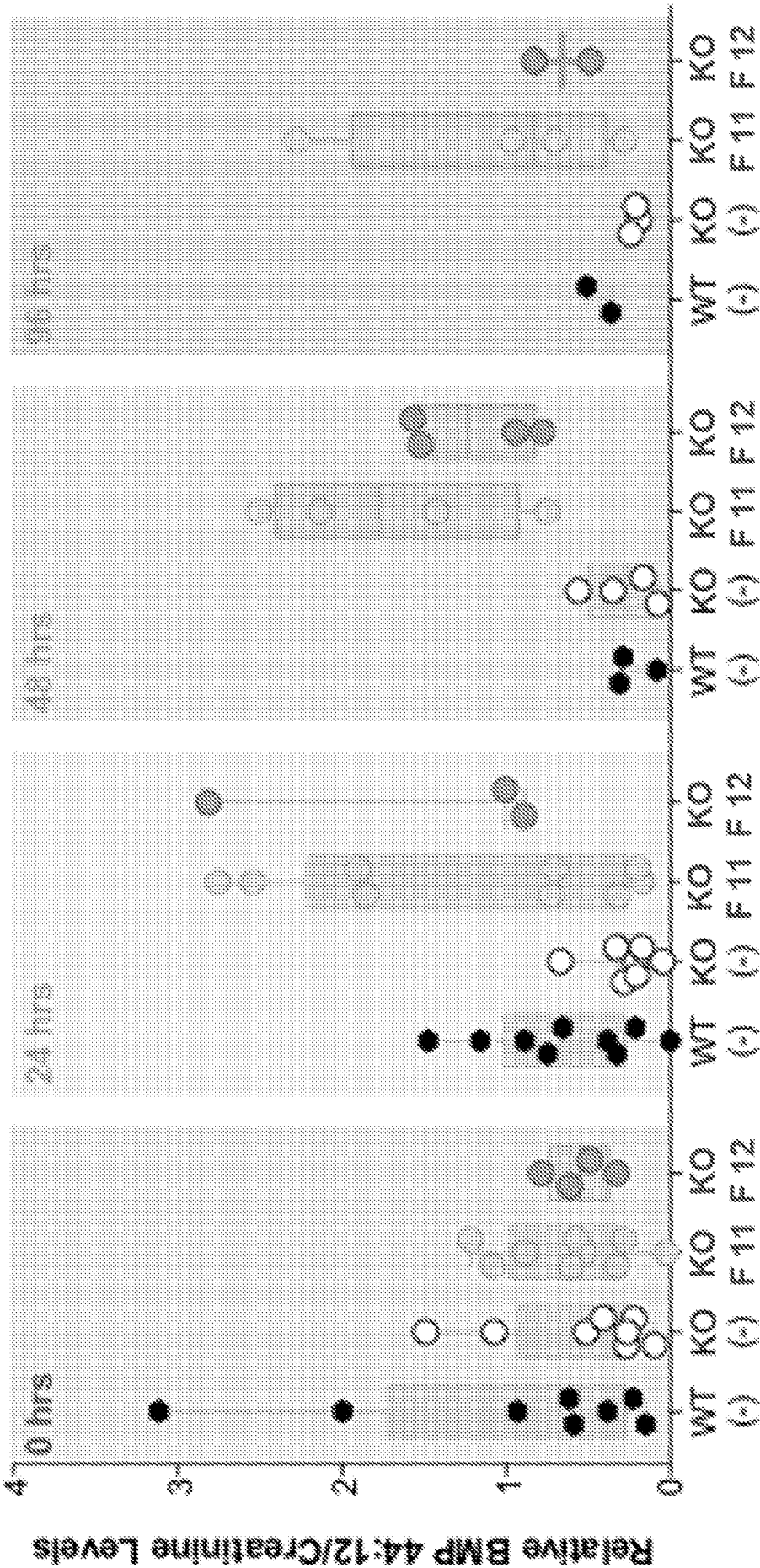


FIG. 19

CSF BMP

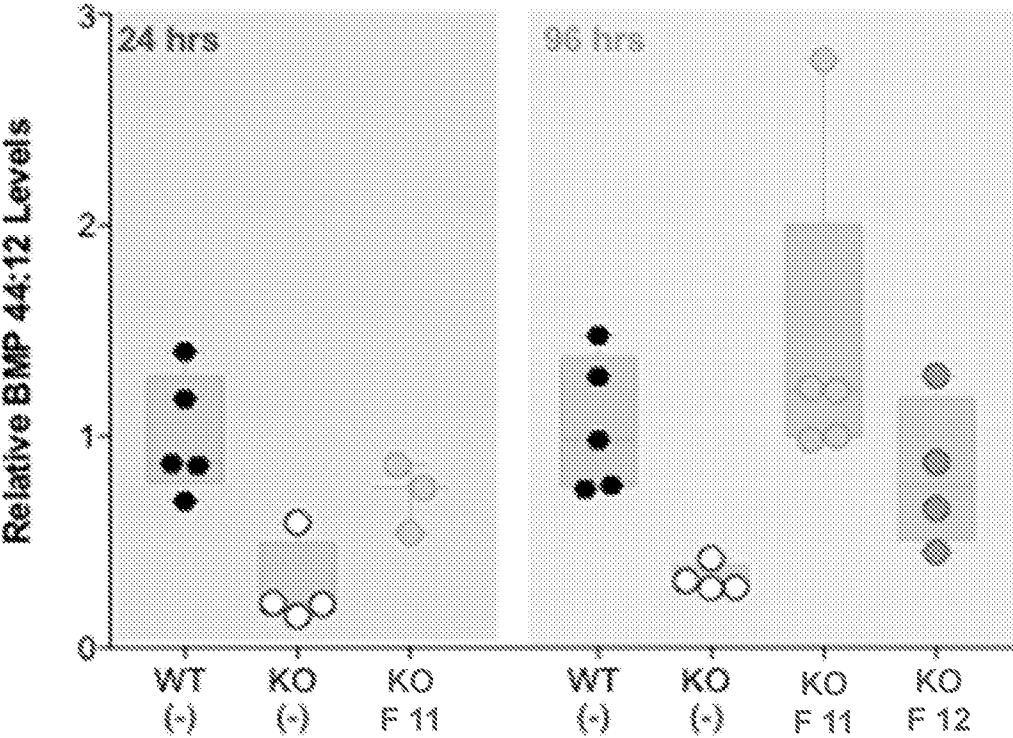


FIG. 20A

Brain BMP

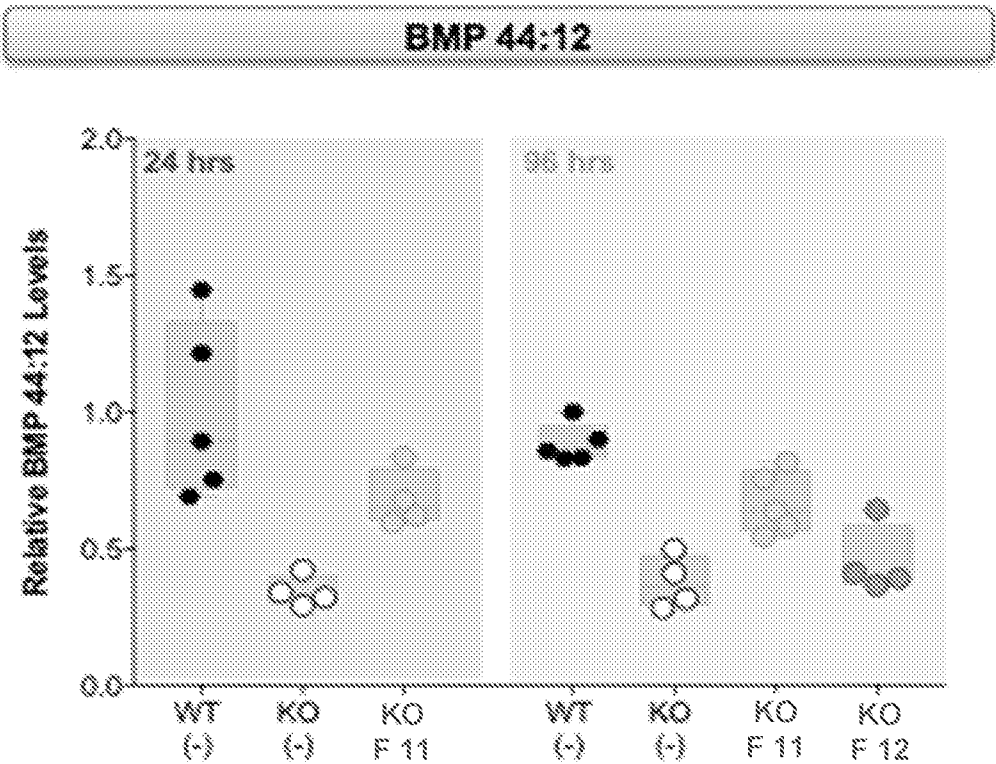


FIG. 20B

Brain BMP

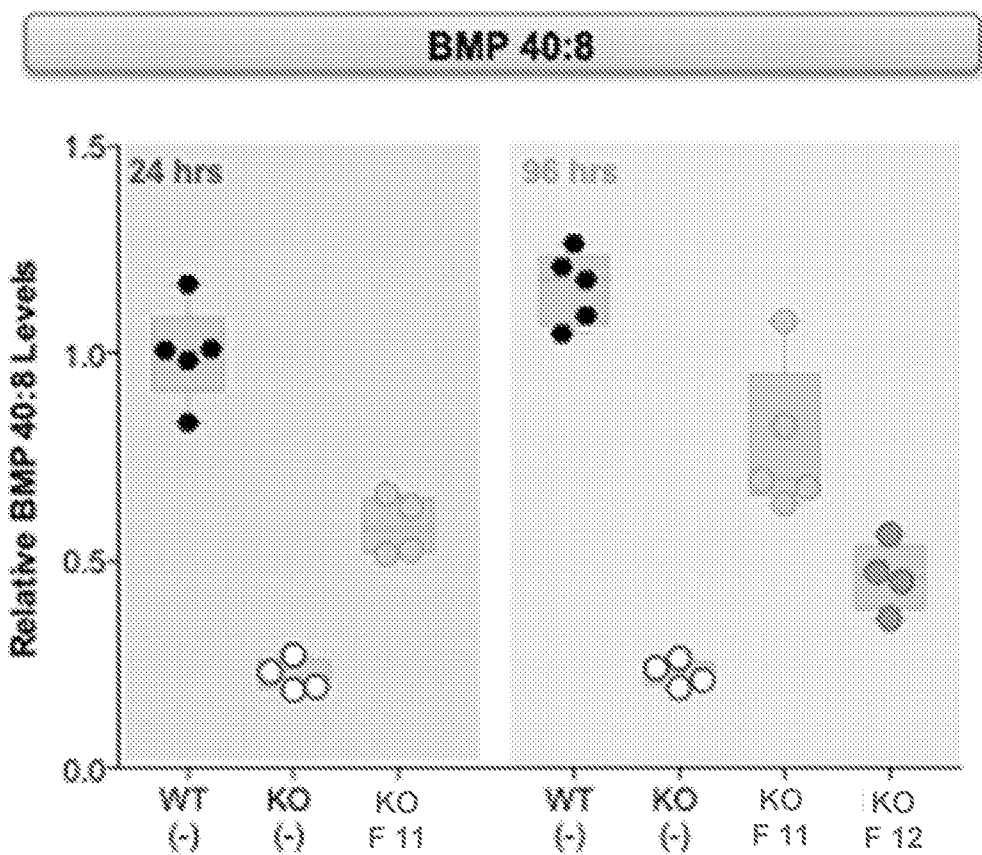


FIG. 21A

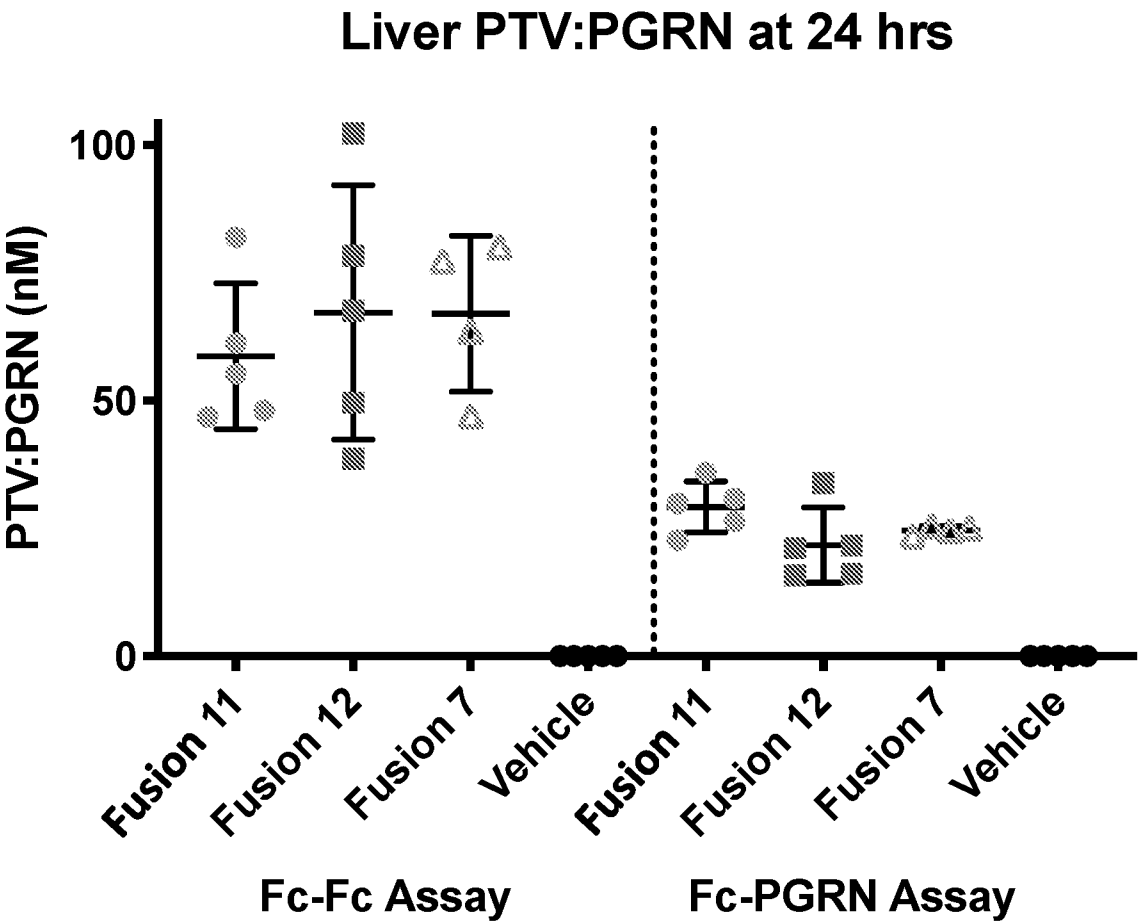


FIG. 21B

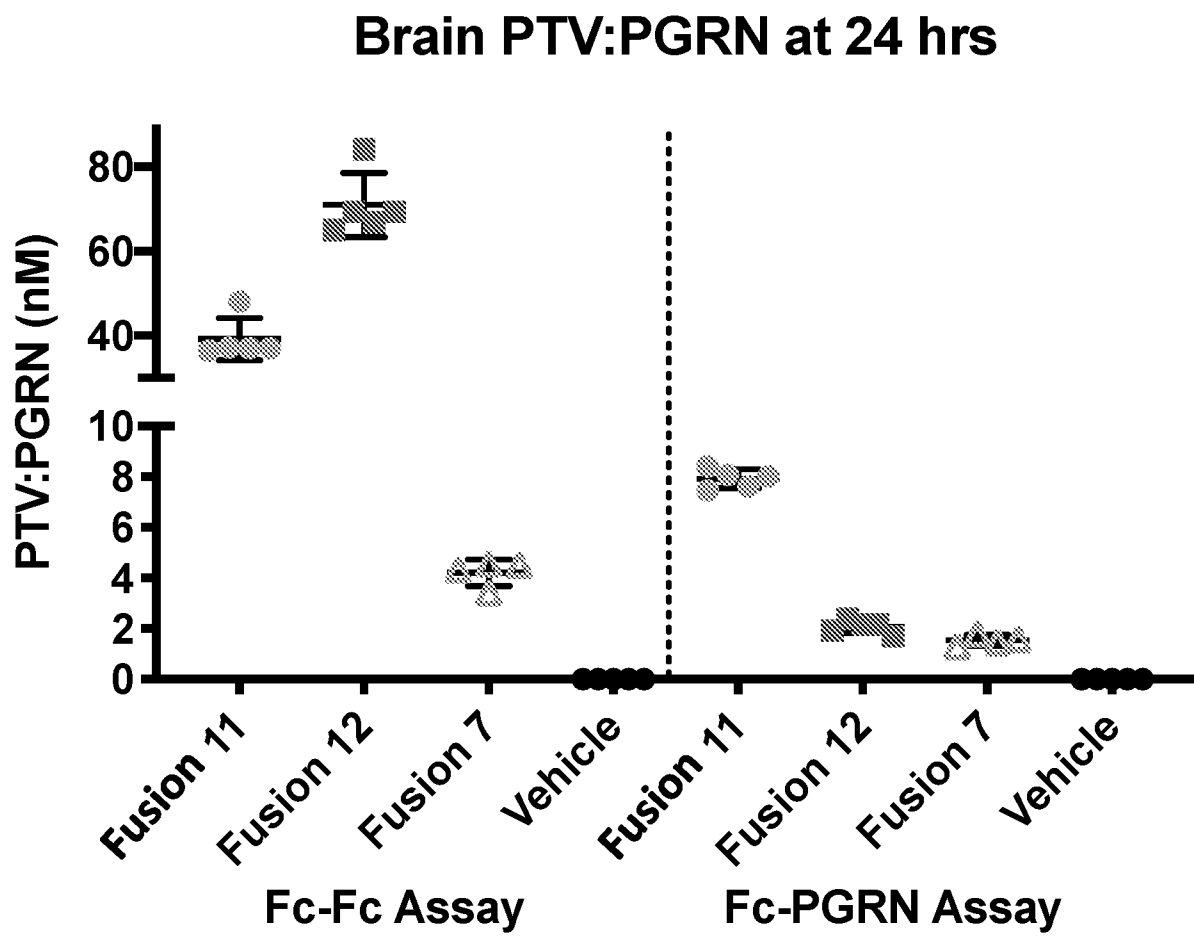


FIG. 21C

