

FIG. 1

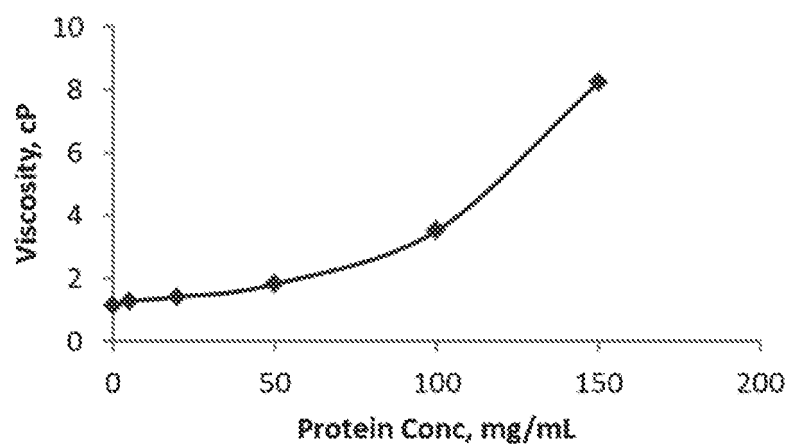
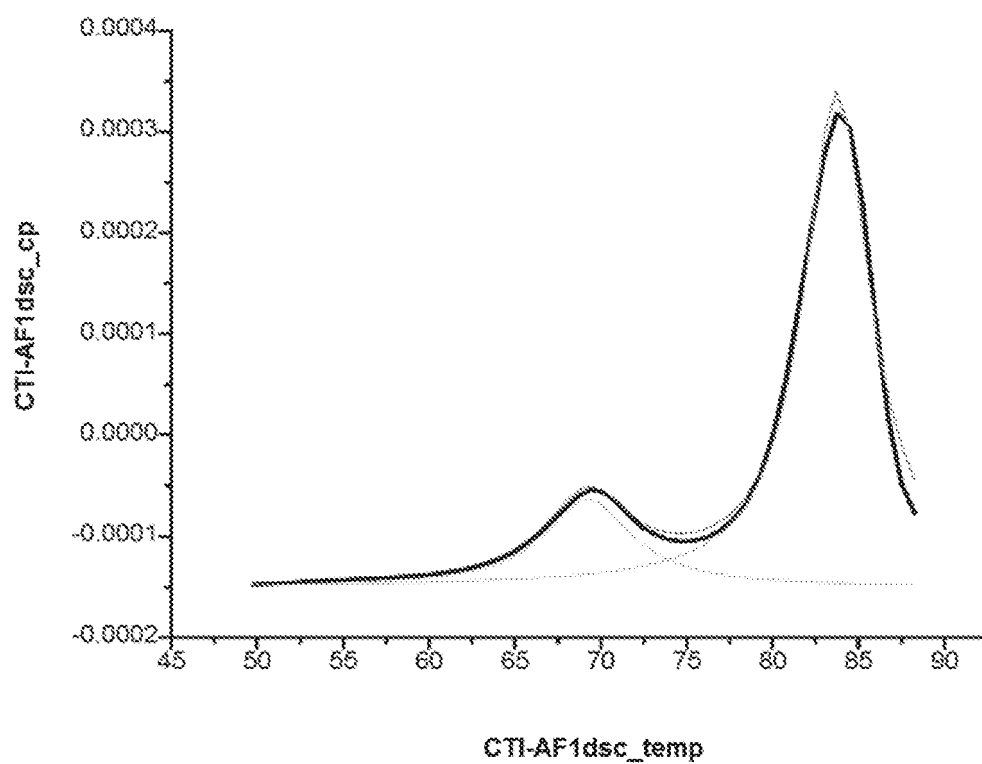


FIG. 2



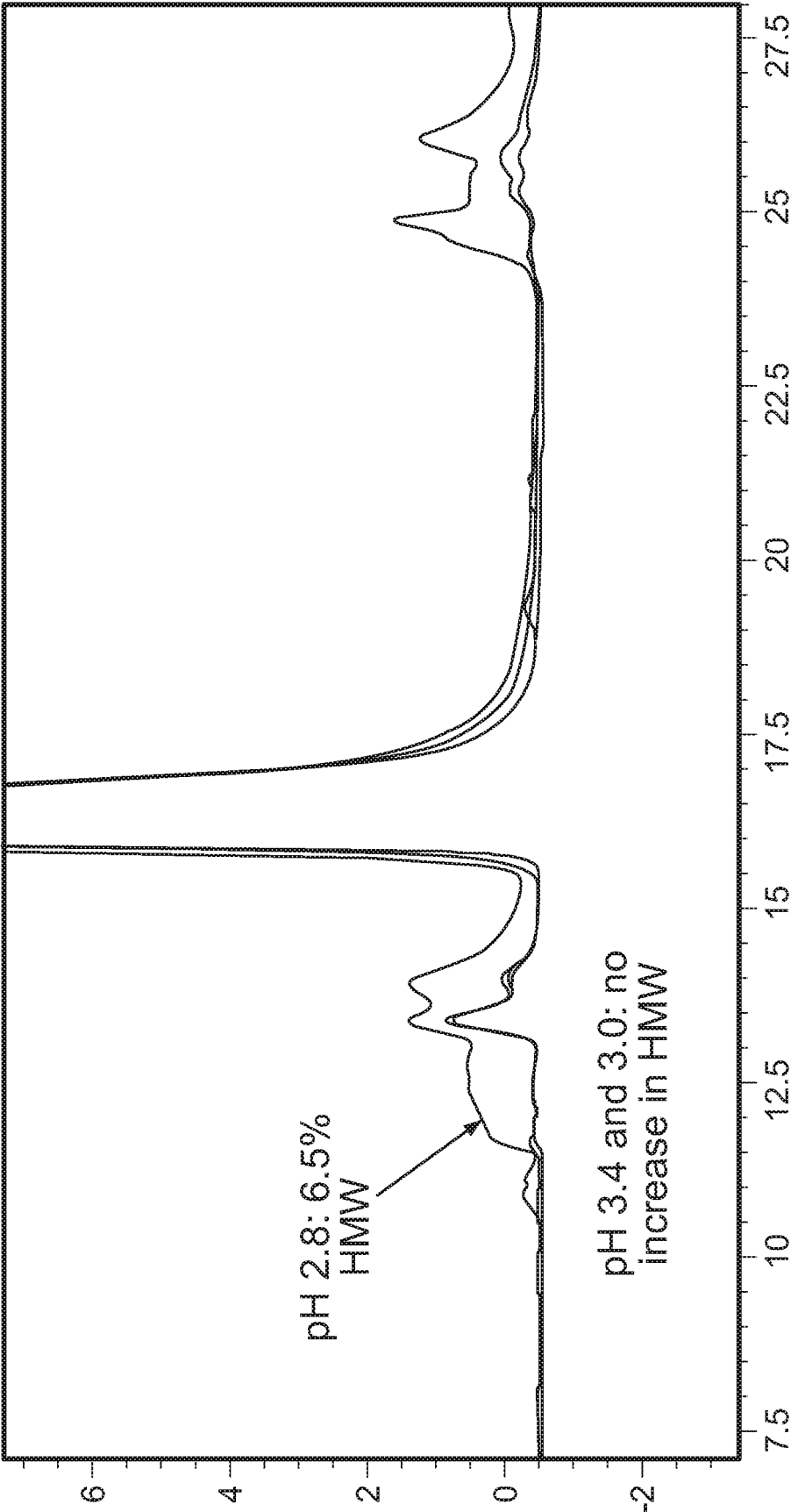


FIG. 3

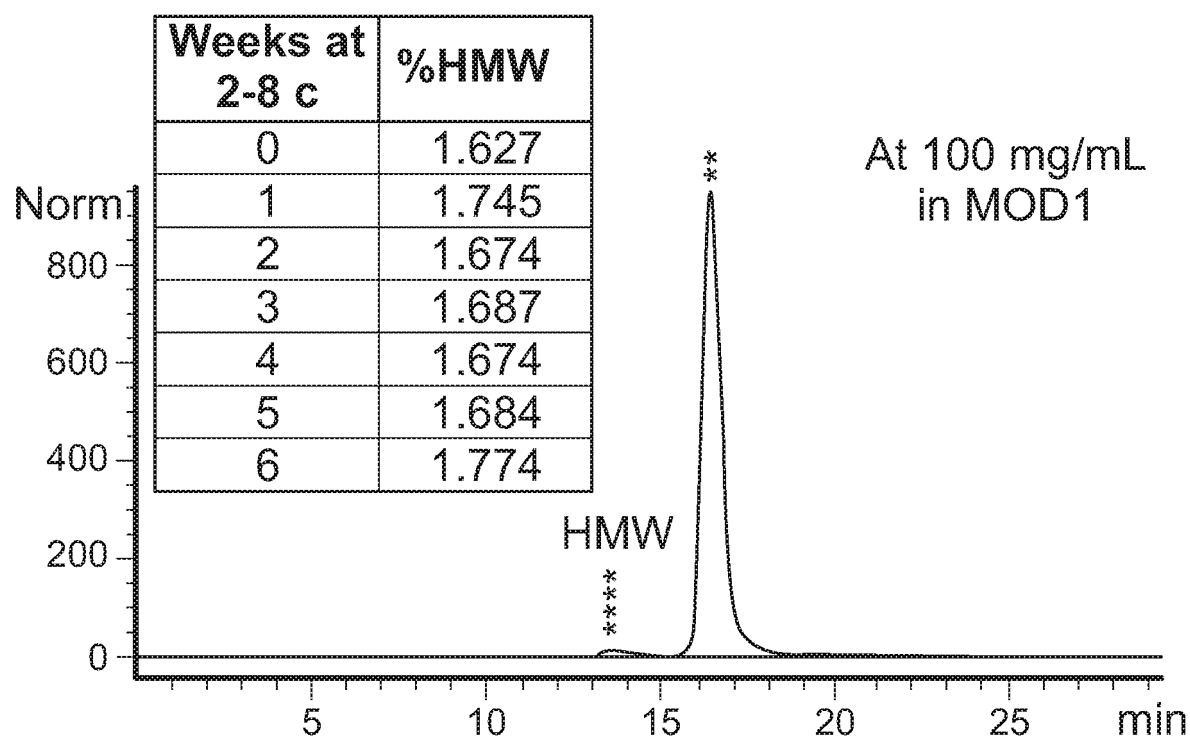


FIG. 4A

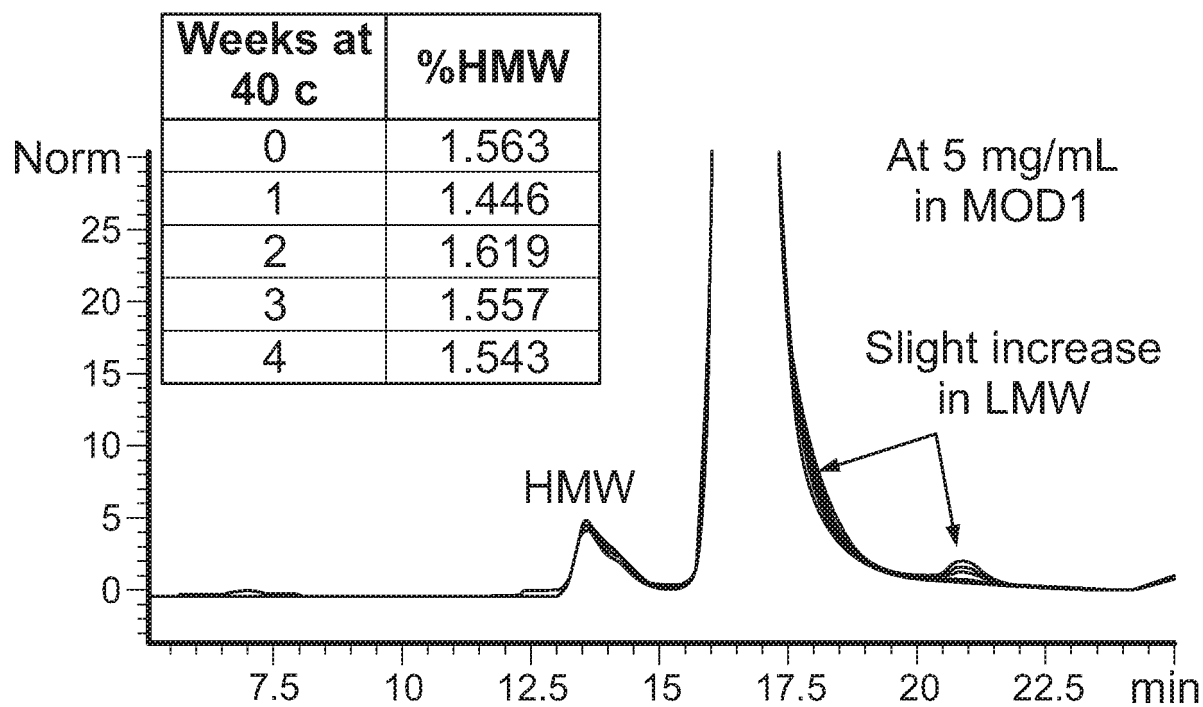


FIG. 4B

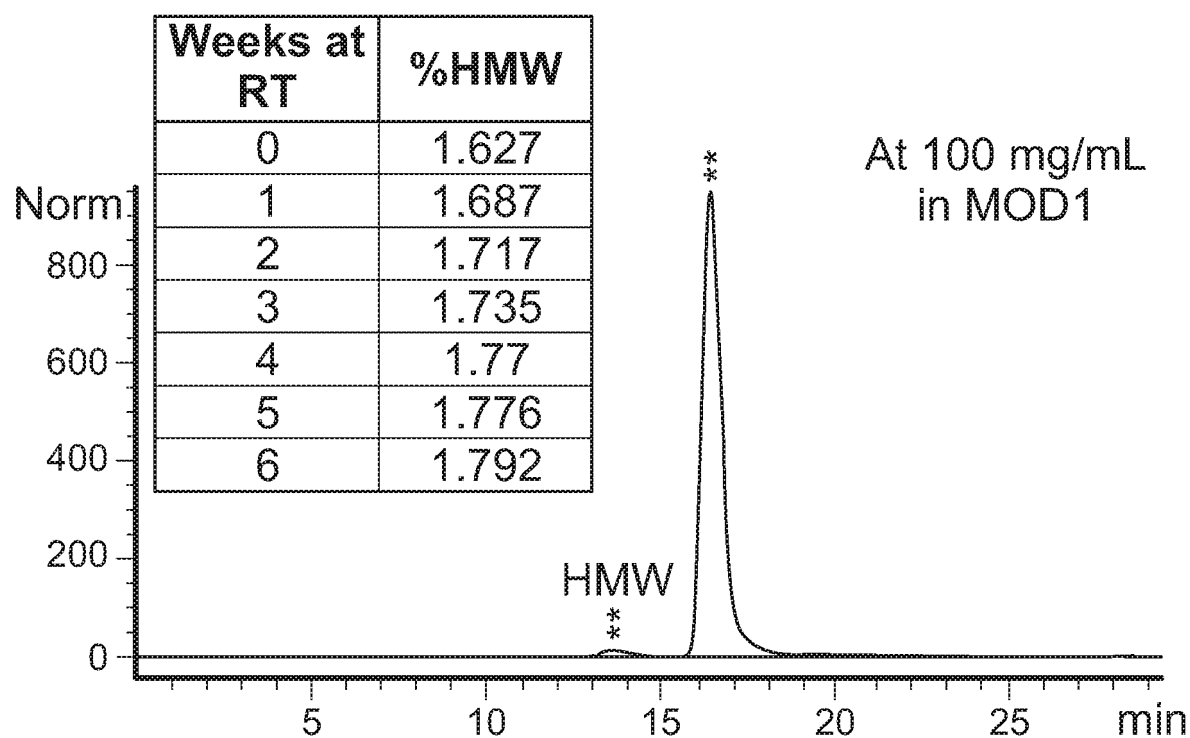


FIG. 4C

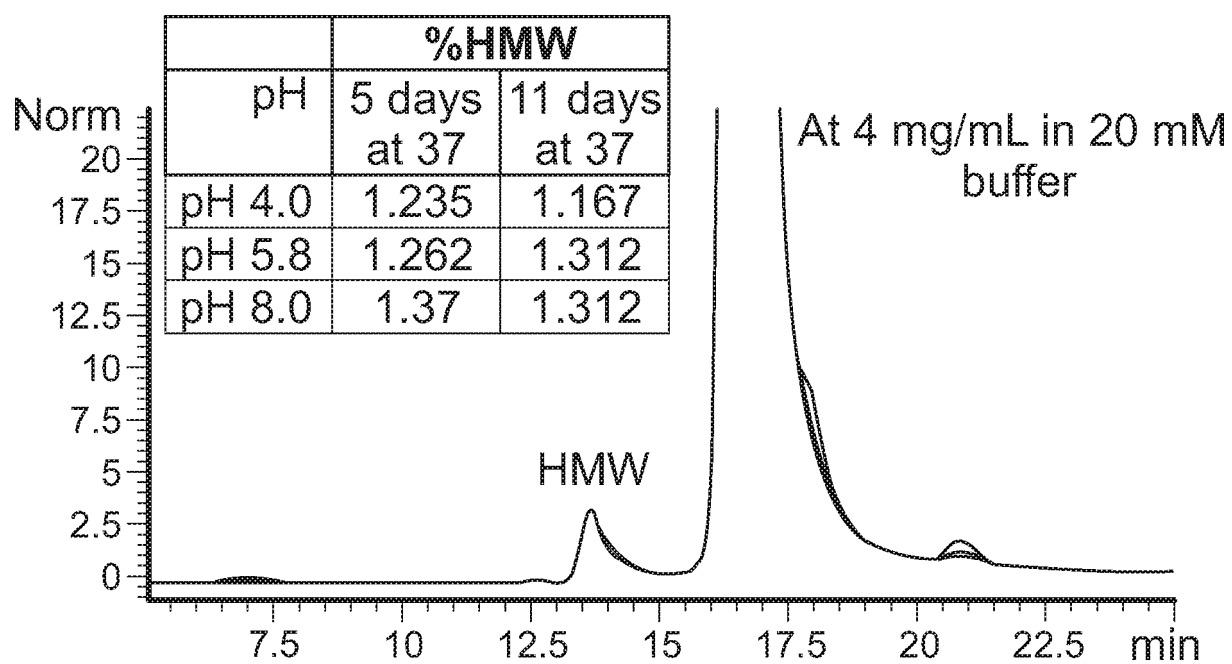


FIG. 4D

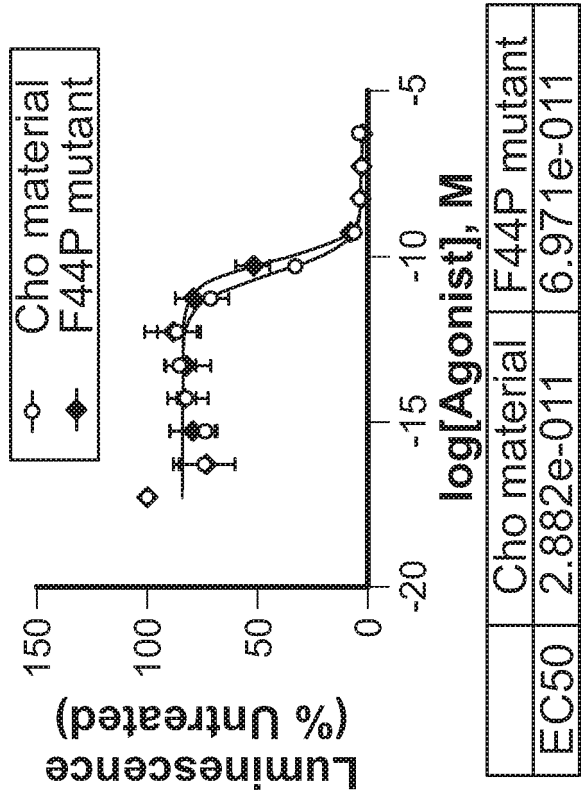


FIG. 5B

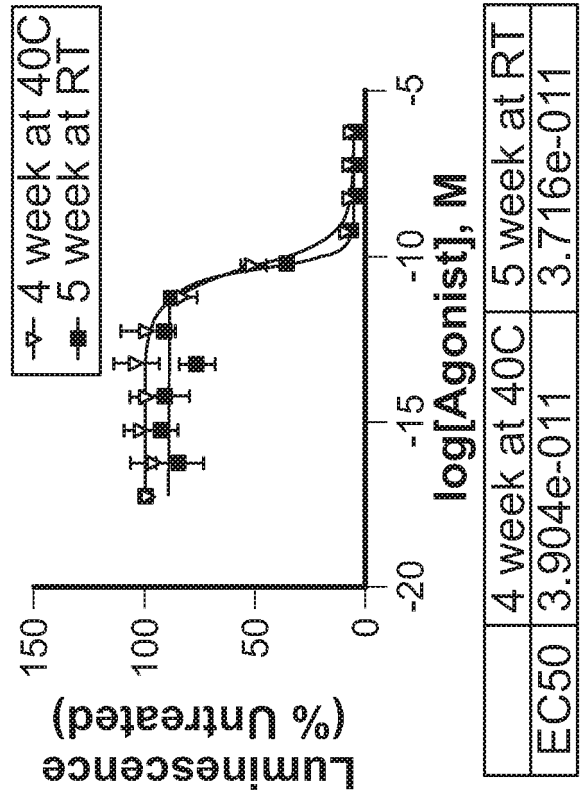


FIG. 5D

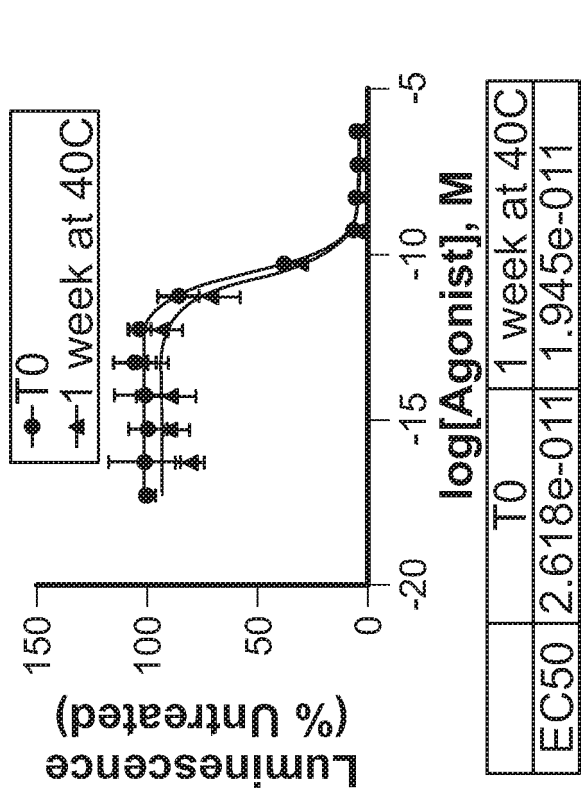


FIG. 5A

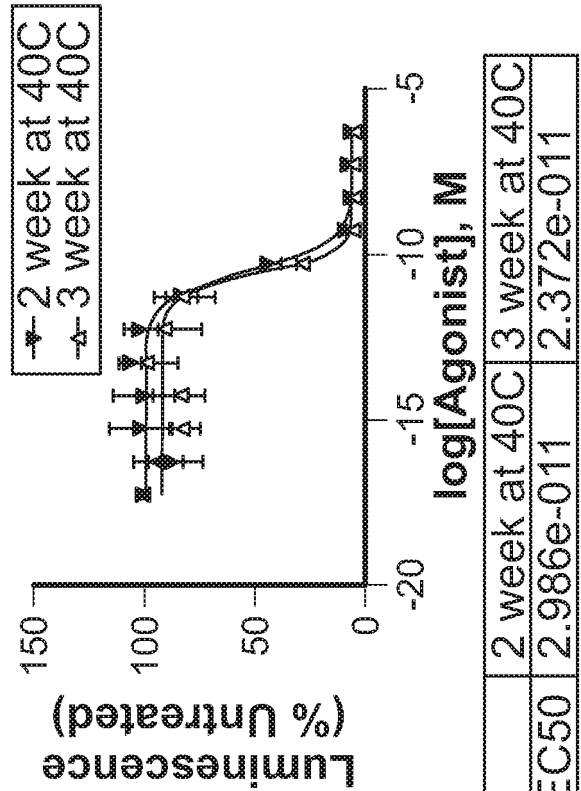


FIG. 5C

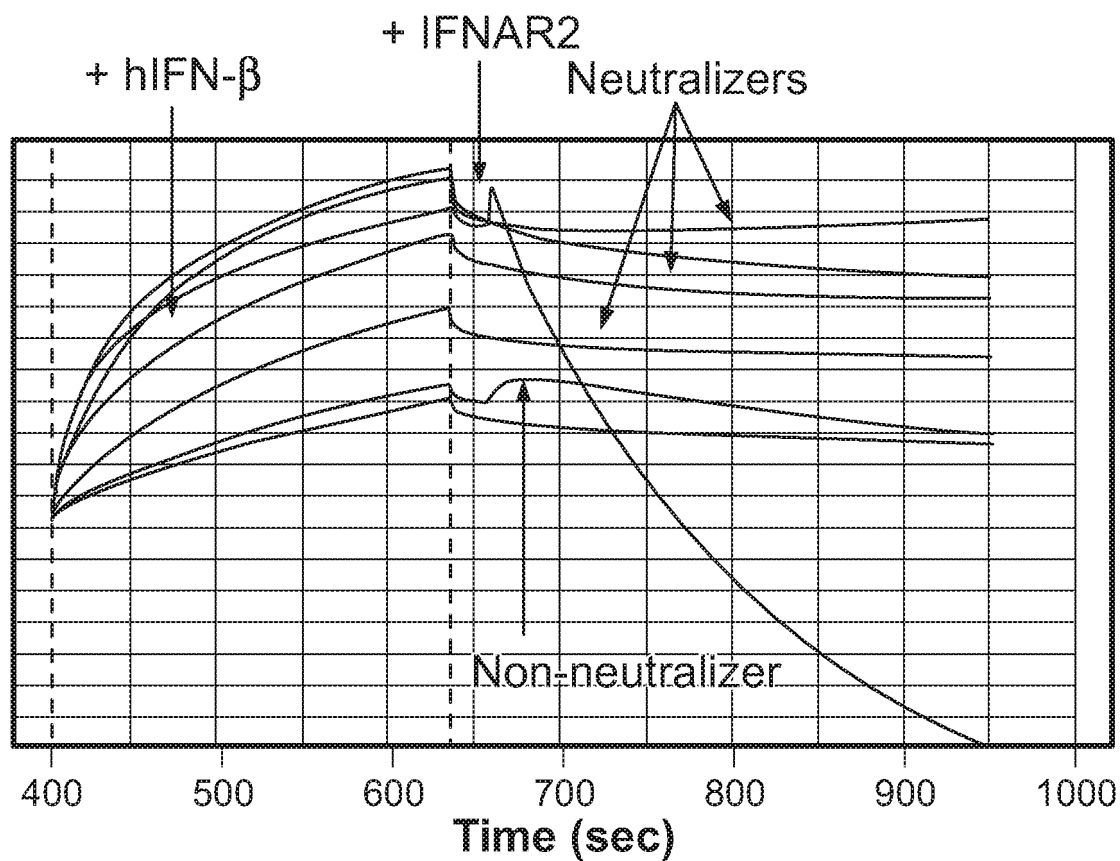


FIG. 6

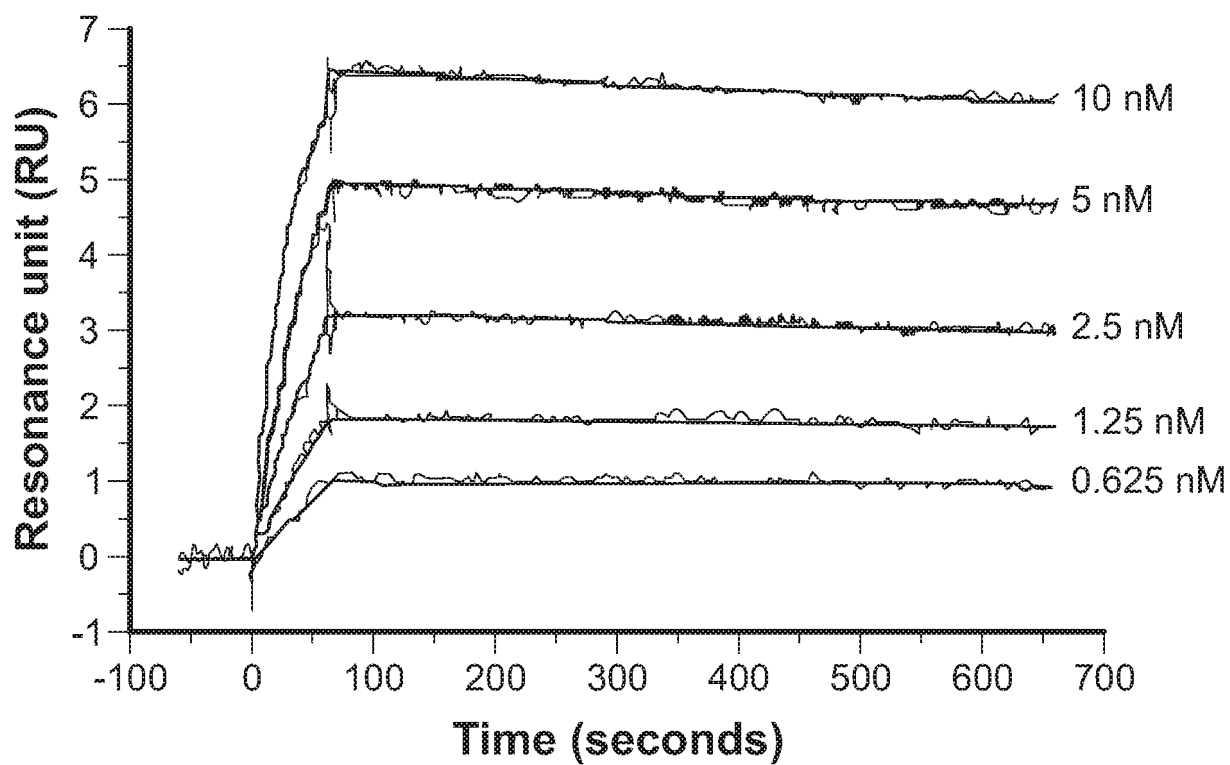


FIG. 7

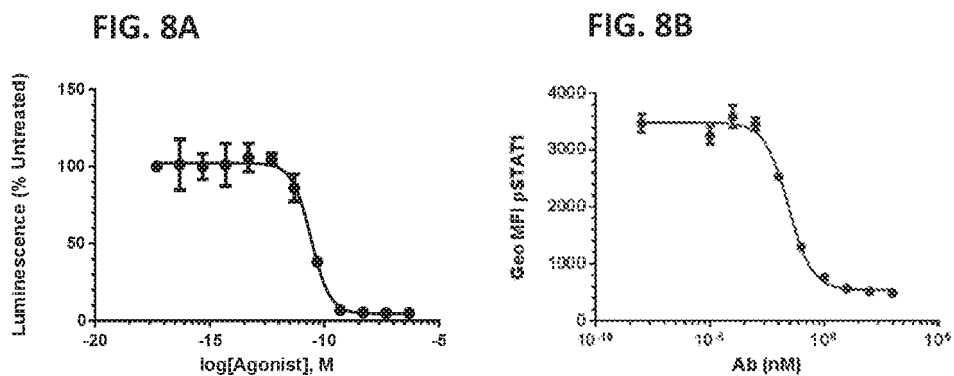
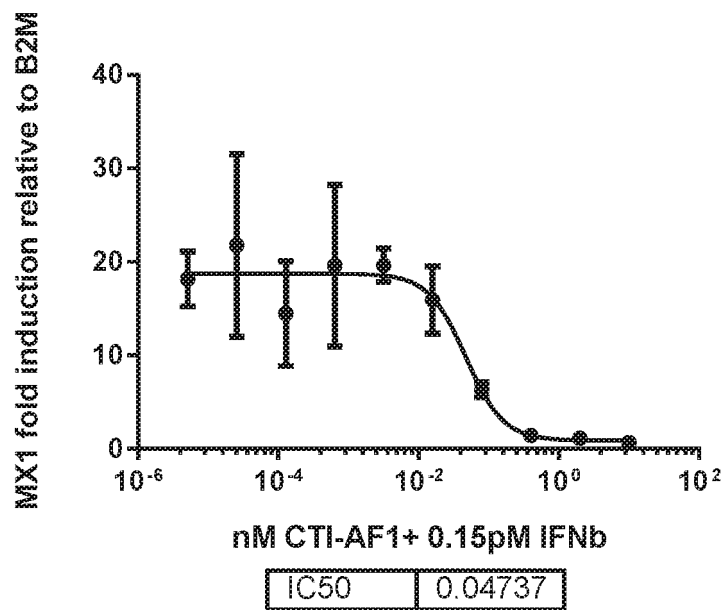


FIG. 9



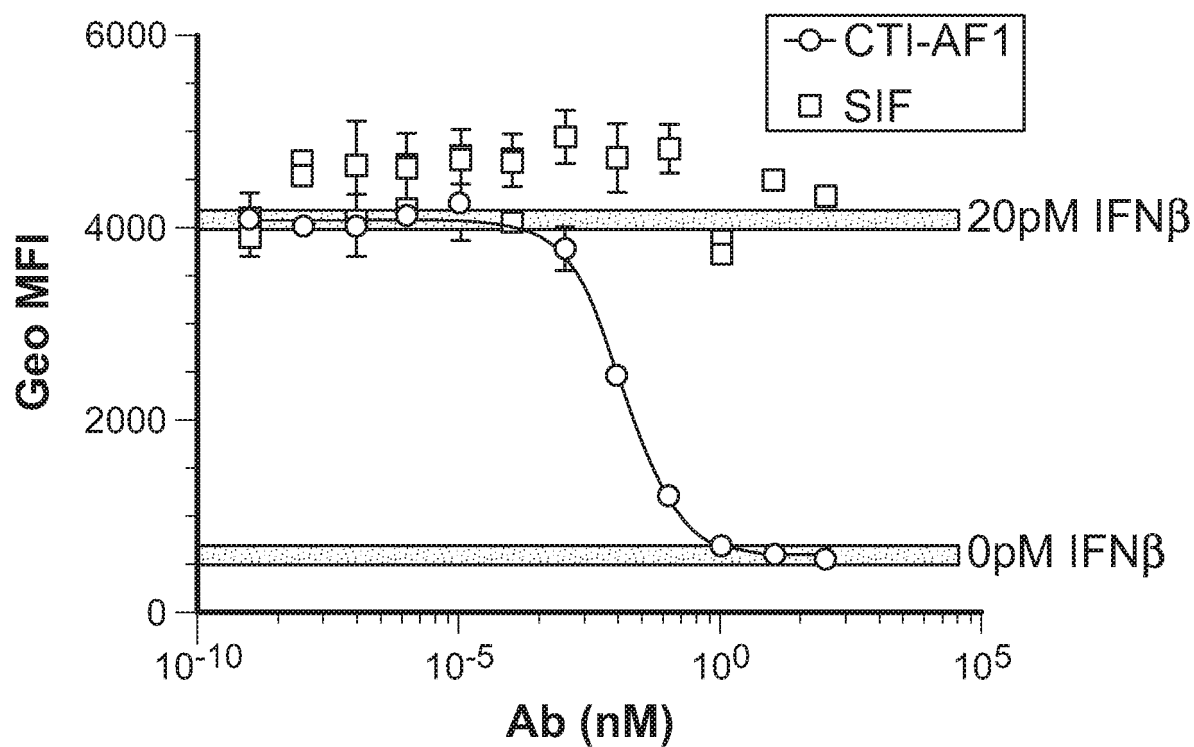


FIG. 10A

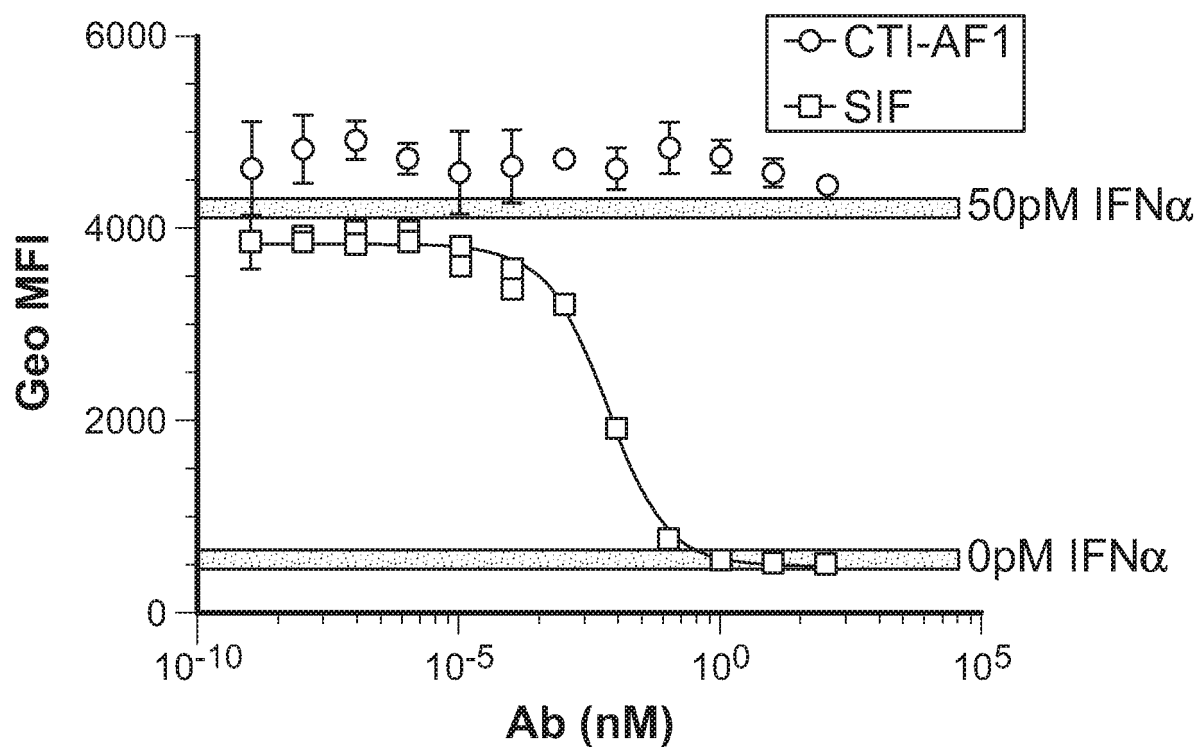
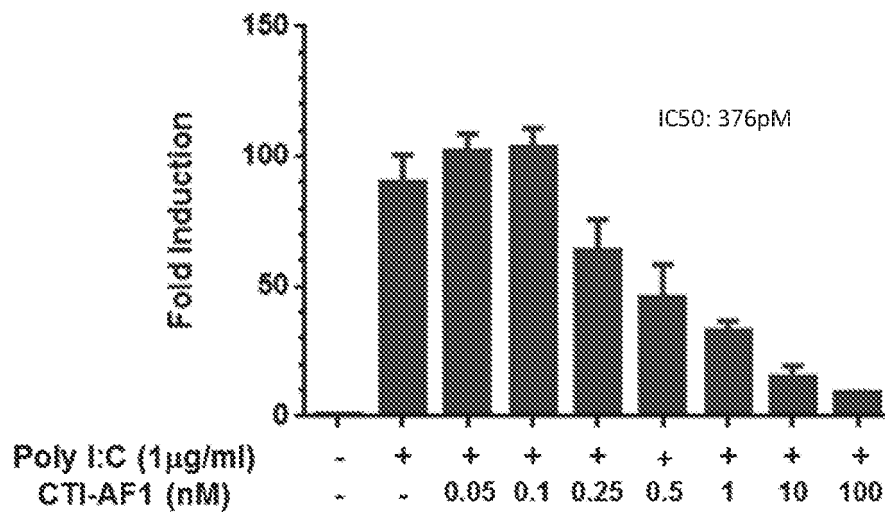


FIG. 10B

FIG. 11



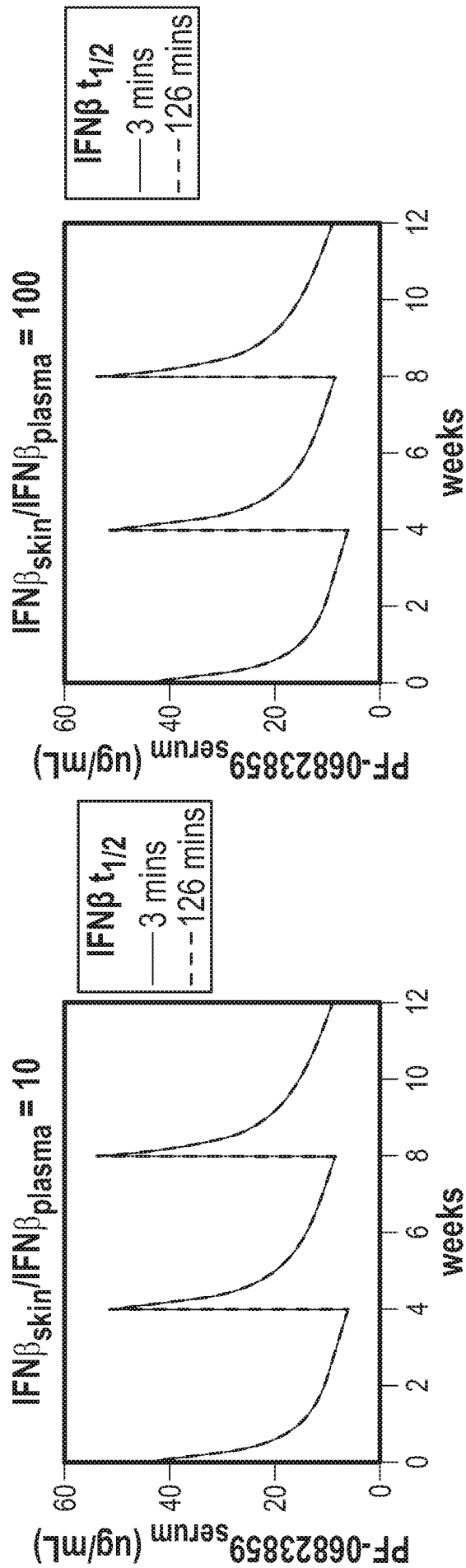


FIG. 12A

FIG. 12B

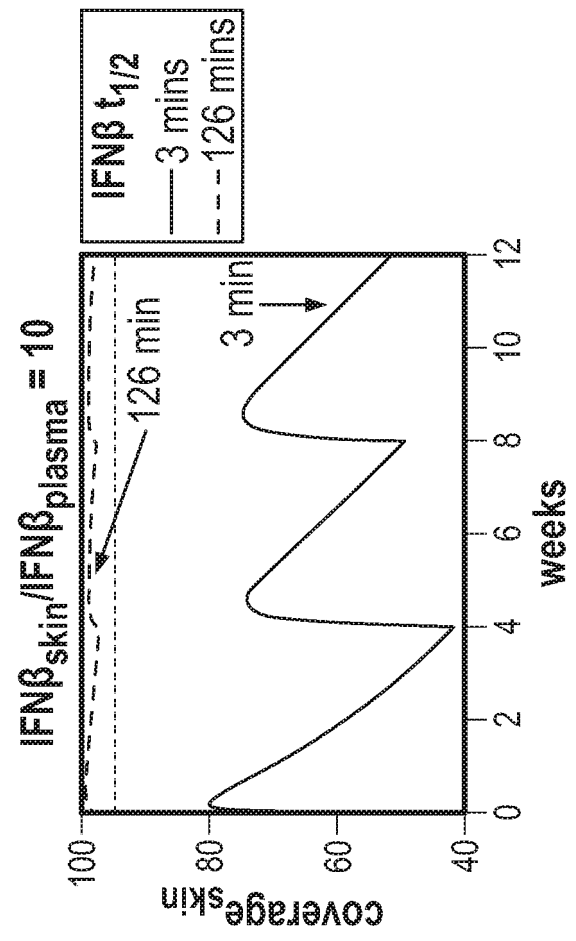


FIG. 12C

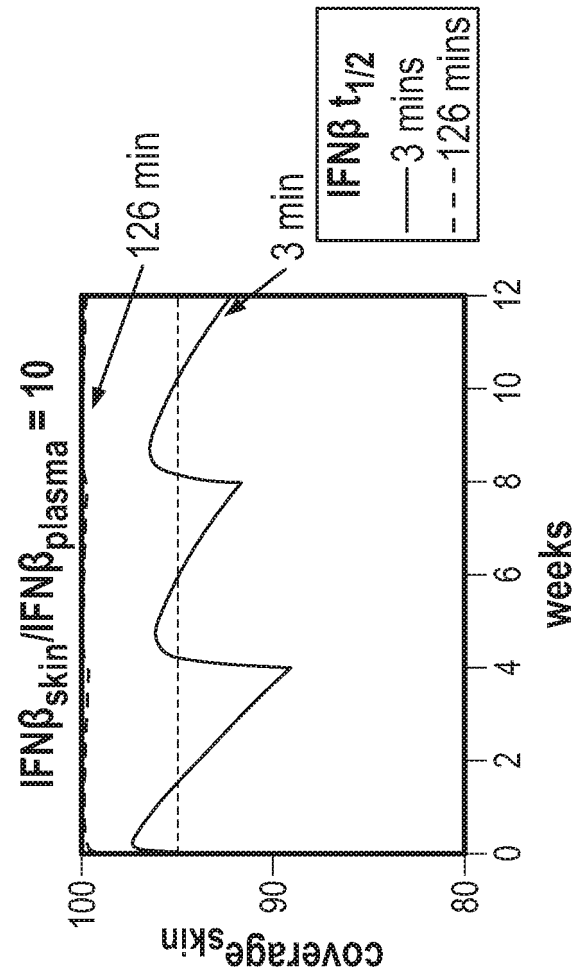


FIG. 12D

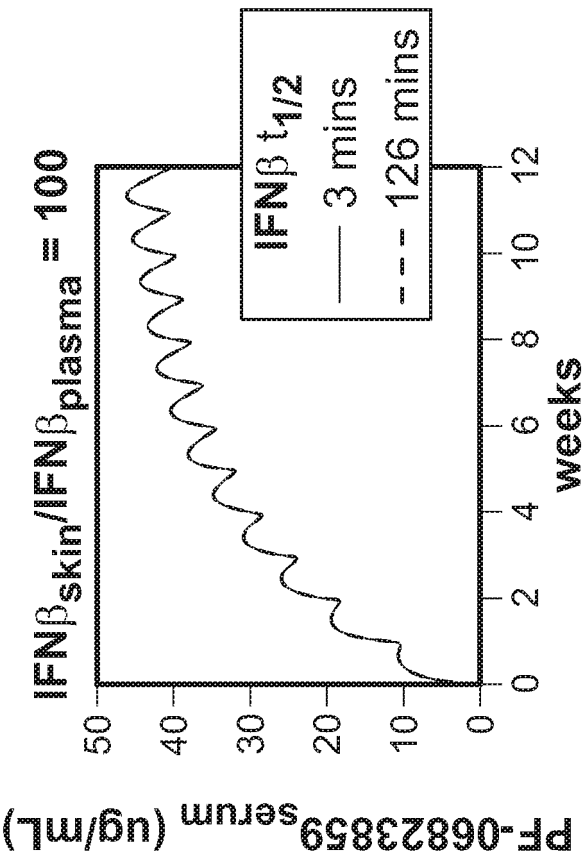


FIG. 13B

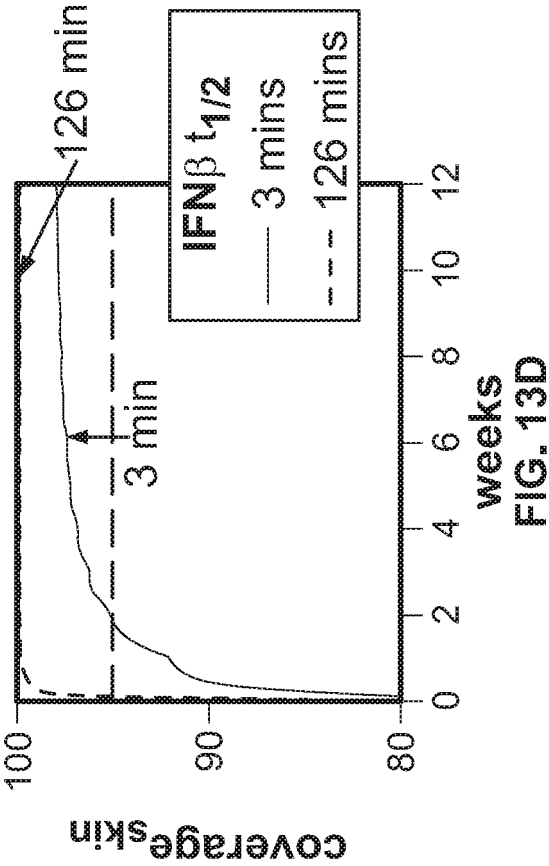


FIG. 13D

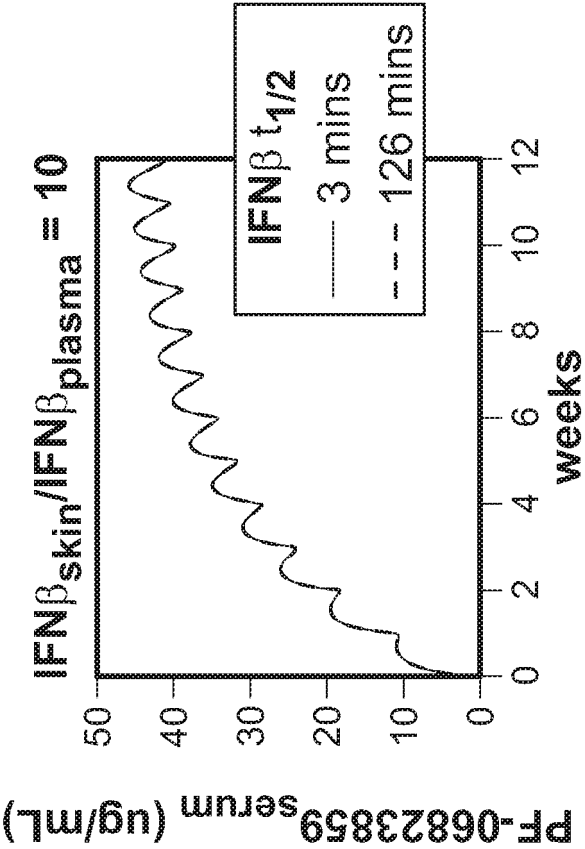


FIG. 13A

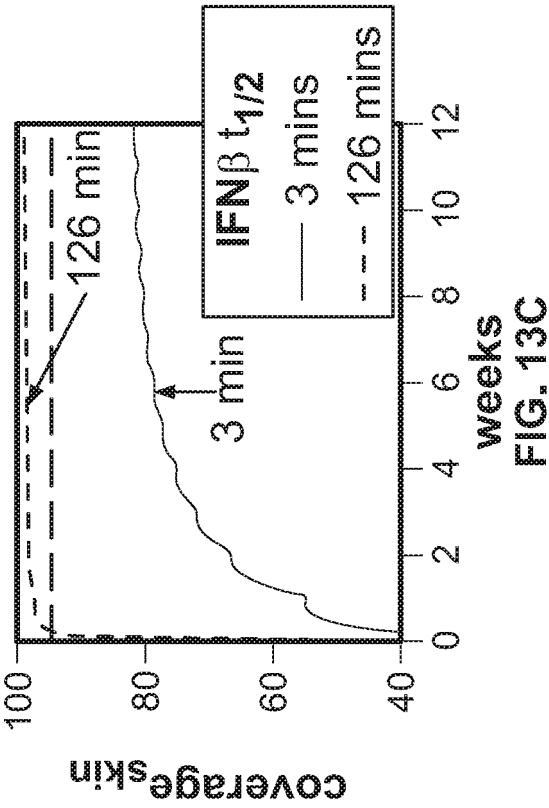
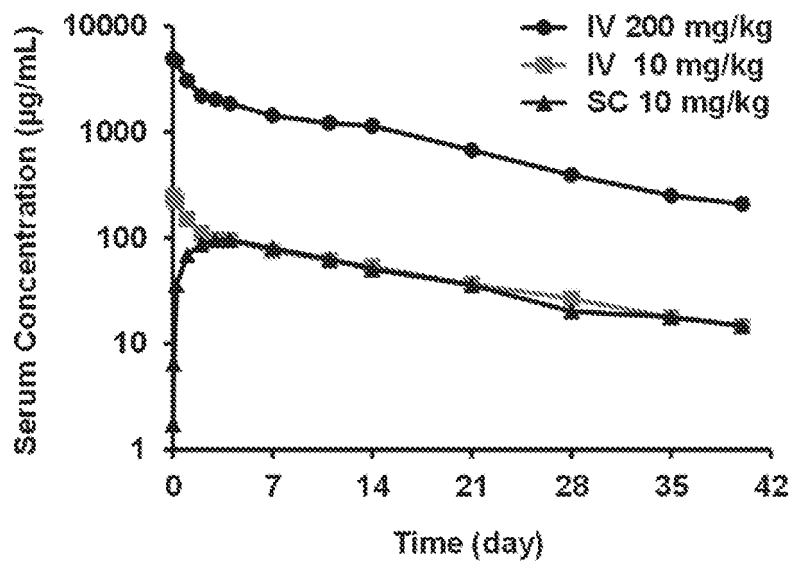


FIG. 13C

FIG. 14



10 20 30 40 50
MSYNLLGFLQ RSSNFQCQKL LWQLNGRLEY CLKDRMNFDI PEEIKQLQQF
|-----Helix A-----|-----AB loop-----
60 70 80 90 100
QKEDAALTIY EMLQIFAIF RQDSSSTGWN ETIVENLLAN VYHQINHLKT
-|-----Helix B-----|-----BC loop--|-----Helix C-----
110 120 130 140 150
VLEEKLEKED FTRGKLMSSL HLKRYYGRIL HYLKAKEYSH CAWTIVRVEI
-----|-----CD loop--|-----Helix D-----|-----DE-|-----Helix E-
160 170
LRNFYFINRL TGYLRN
-----|

FIG. 15A








FIG. 16A

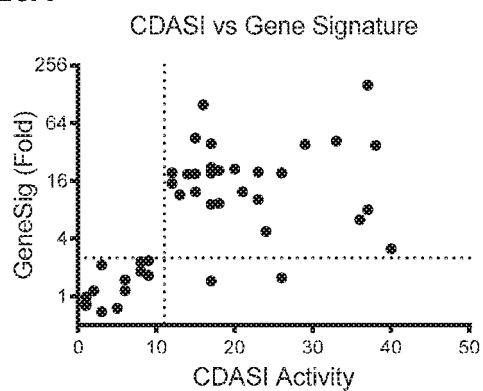


FIG. 16B

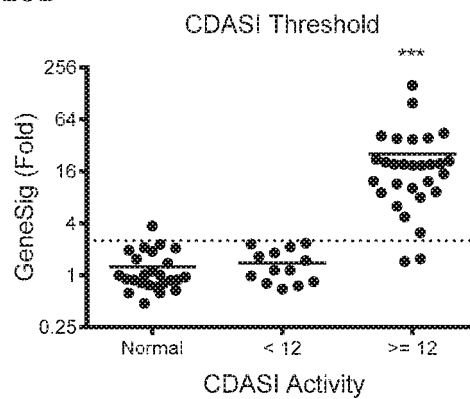


FIG. 17

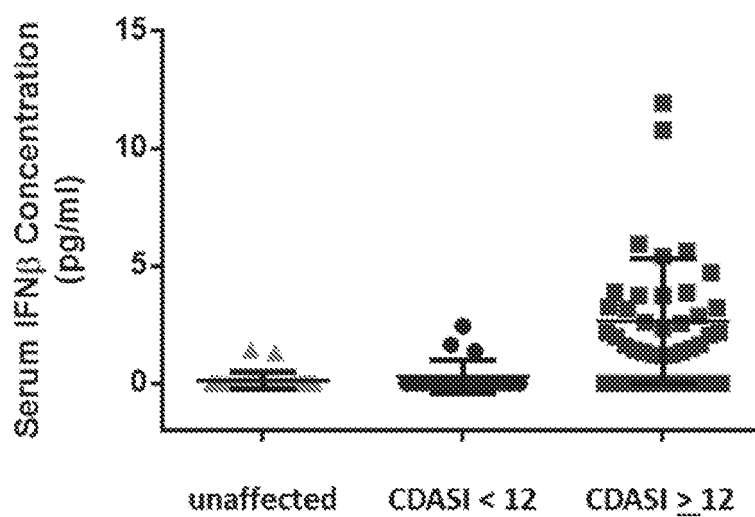


FIG. 18A

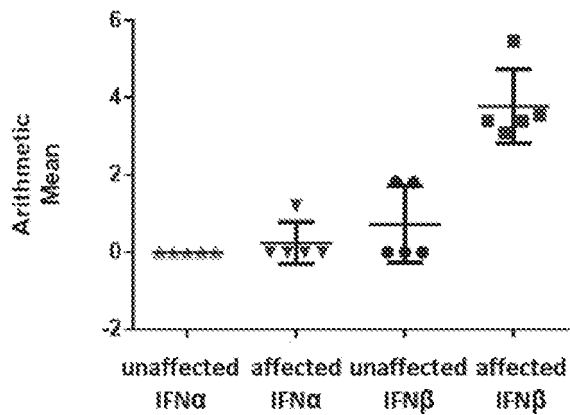


FIG. 18B

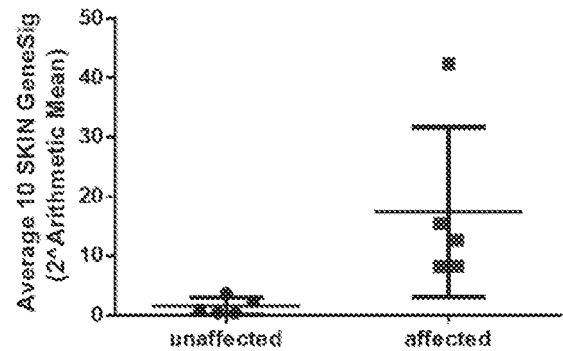
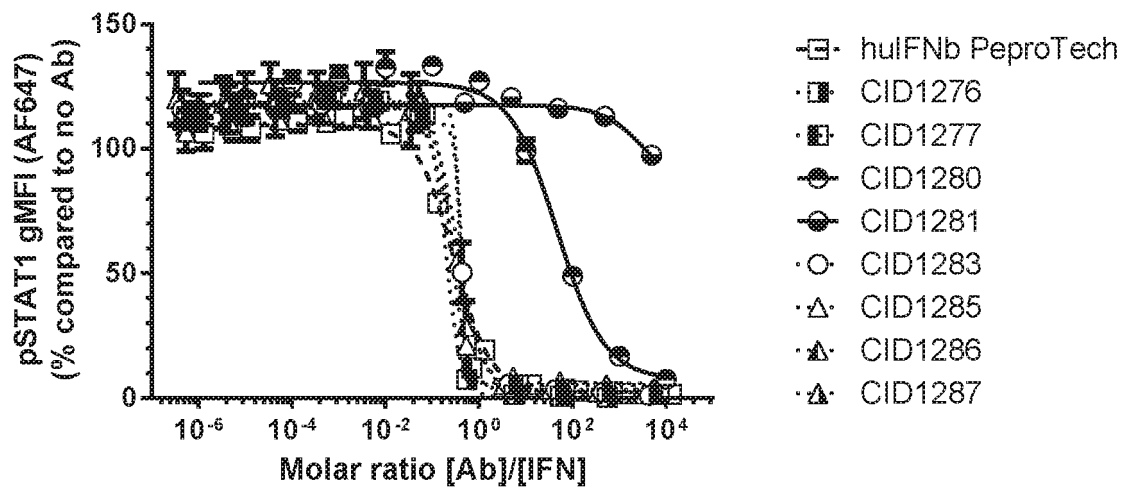
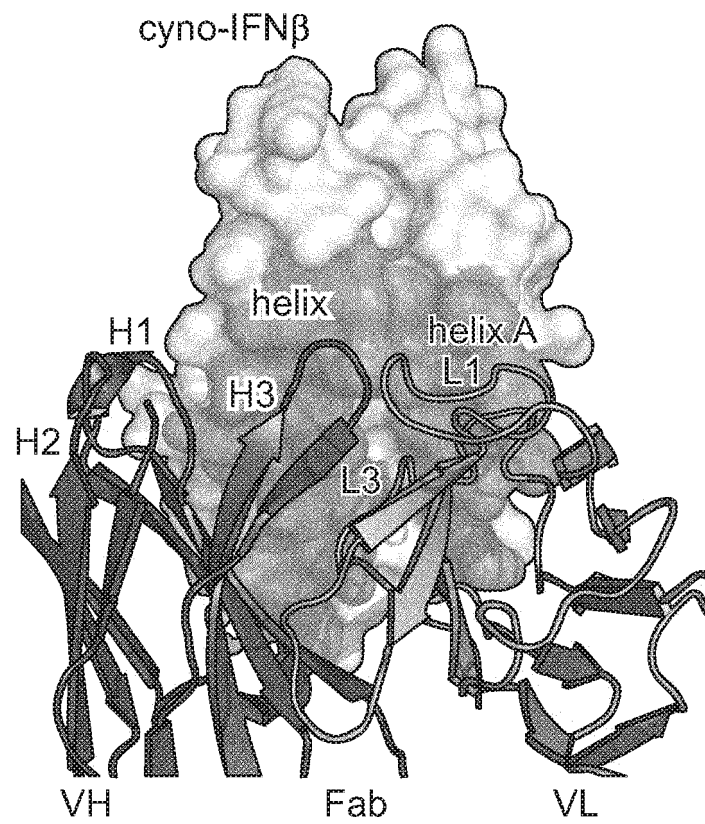
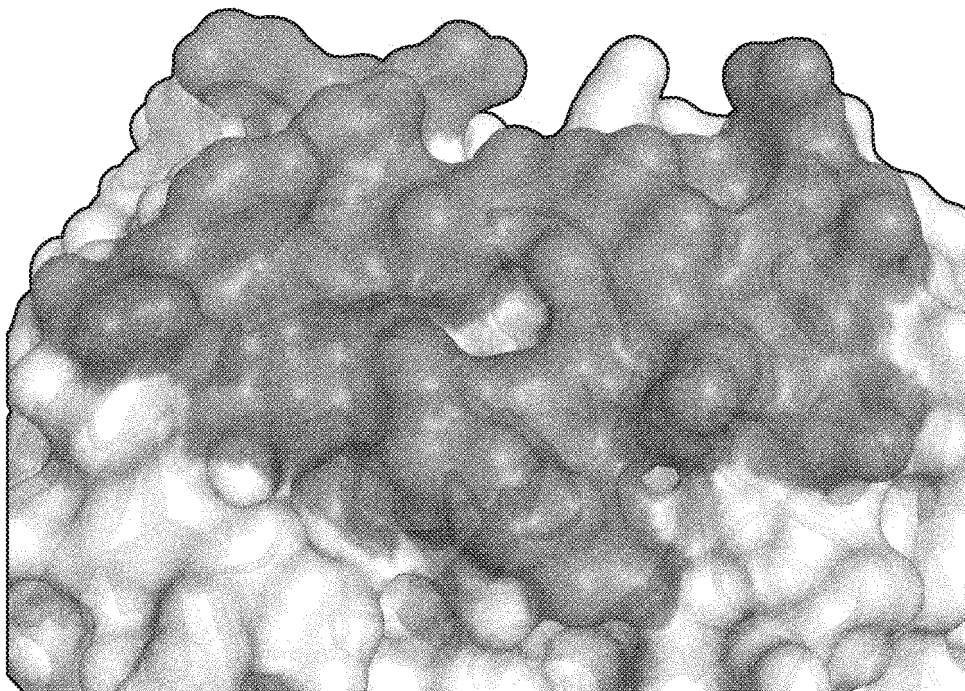


FIG. 19



**FIG. 20A****FIG. 20B**