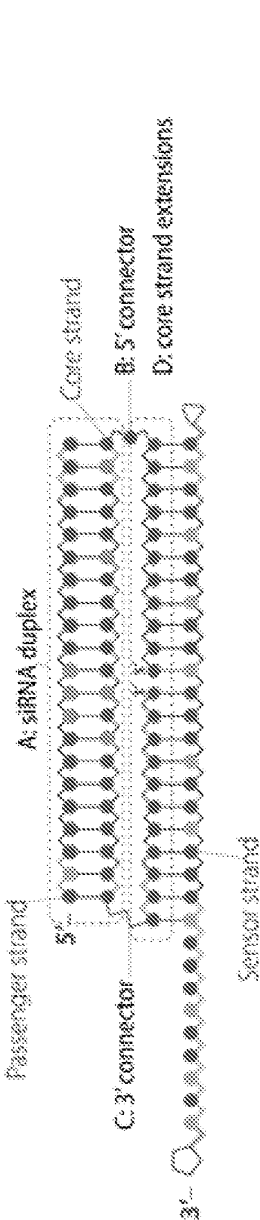


FIG. 1

Design 1



Design 2

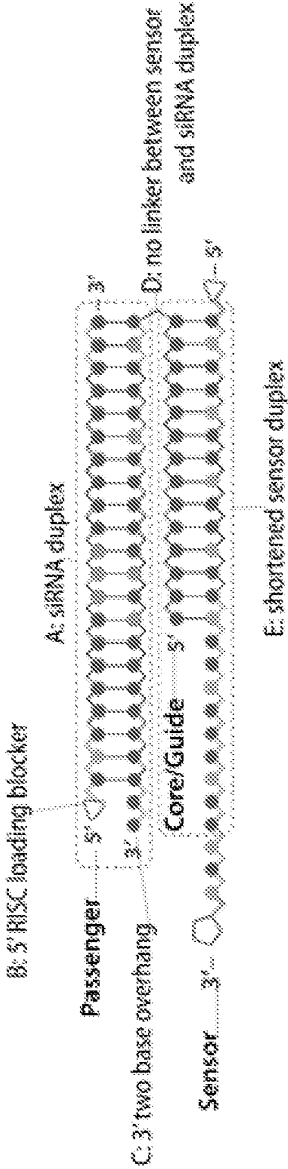


FIG. 2

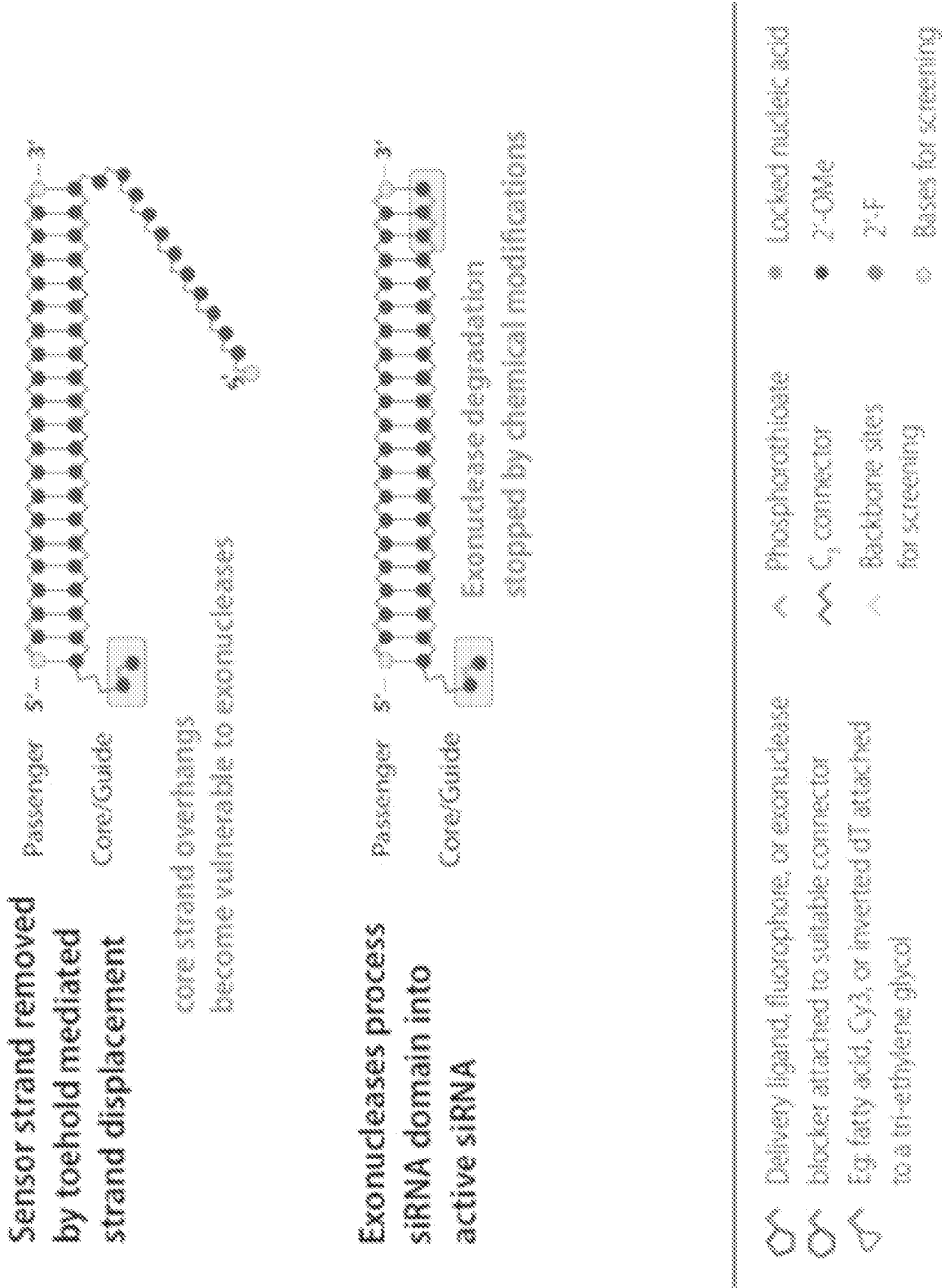


FIG. 3

Mus Seq 3

Input: mus ANP
Target: PPP3CA

[illegible][illegible][illegible]

FIG. 4

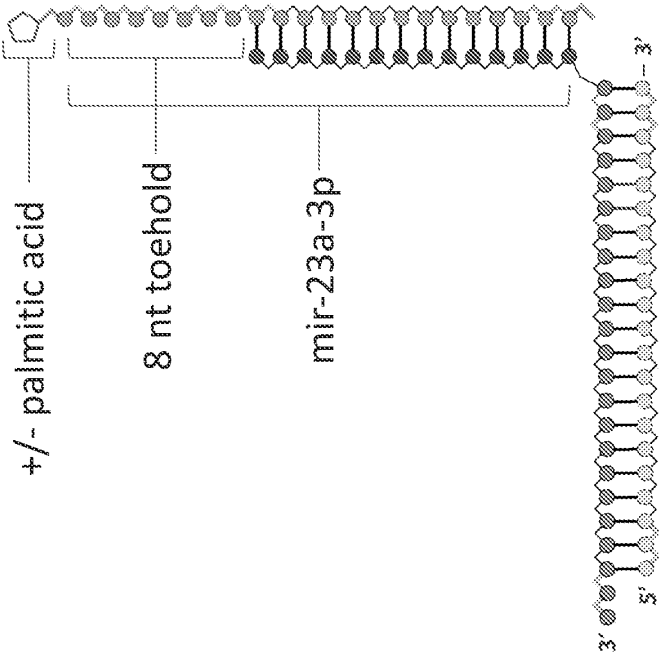


FIG. 5A

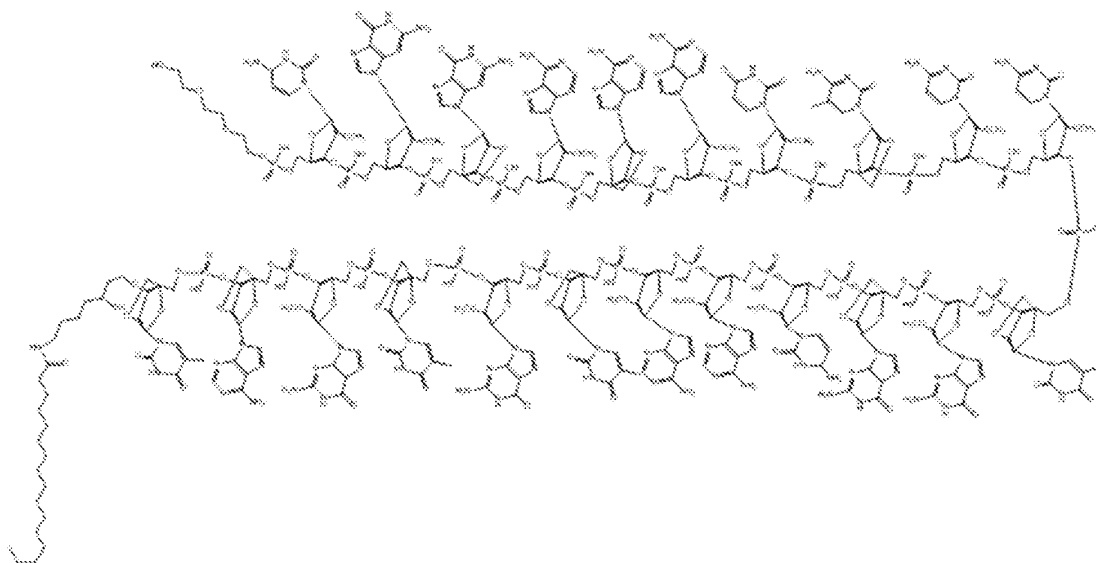
$$\text{Triethoxyglycol}^{\text{a}}\text{mC}^{\text{b}}\text{mG}^{\text{c}} + \text{C.mA} + \text{A.mA.mU} + \text{C.mC.mC} + \text{T.mG}^{\text{c}} + \text{G}^{\text{c}}\text{mC}^{\text{b}}\text{mA}^{\text{a}}\text{mA}^{\text{a}} + \text{T}^{\text{a}}\text{mG}^{\text{c}} + \text{T}^{\text{a}}\text{mC}^{\text{b}} + \text{A}^{\text{a}} + \text{T}^{\text{a}}\text{-Polymic Acid}$$


FIG. 5B

$\{m_U\}\{m_{U'}\}\{m_A\}\{m_{U''}\}\{m_A'\}\{m_U\}\{PC\}\{m_A'\}\{PC\}\{U'\}\{A\}\{m_A\}\{m_A'\}\{m_C\}\{m_A'\}\{m_C\}\{m_A'\}\{m_U\}\{m_{U'}\}\{m_A\}\{m_A'\}$

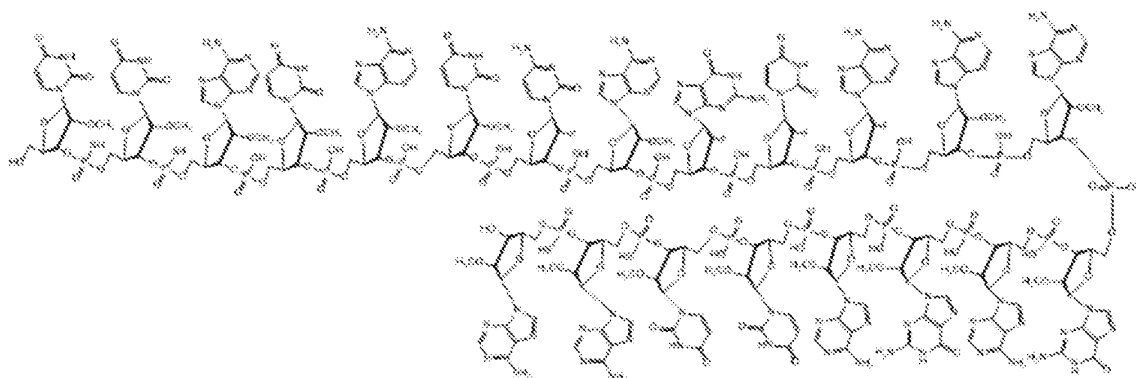
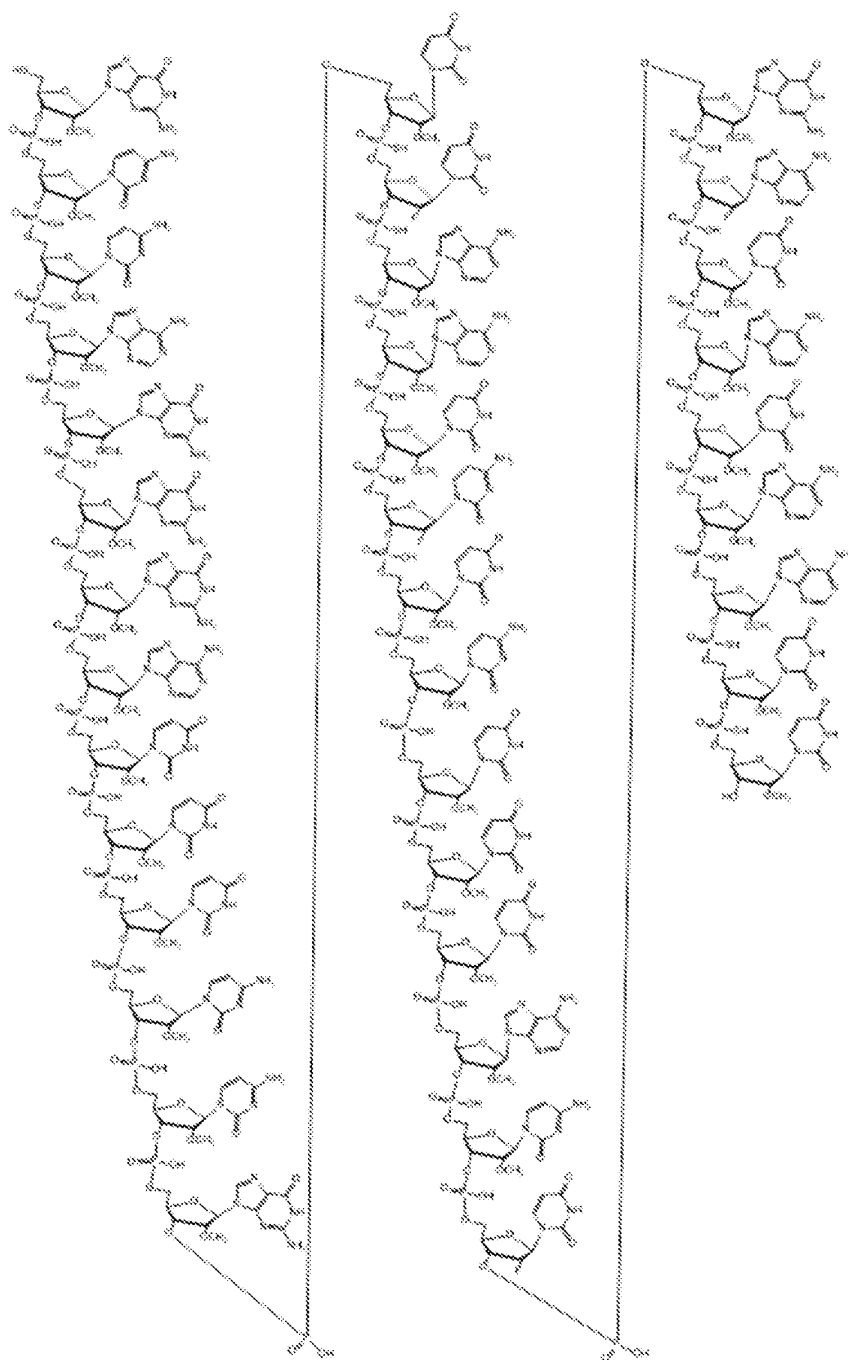


FIG. 5C

7/15

[mG][mC][mC][mA][mG][mG][mG][mA][mU][mU][mU][mC][mC][mG][mU][fU][mA][mA][mU][fC][mU]
[mC][mU][mU][mU][mA][mC][fU][mG][fA][mU][mA][mU][mA][mA][mU][mU]

**FIG. 5D**

SUBSTITUTE SHEET (RULE 26)

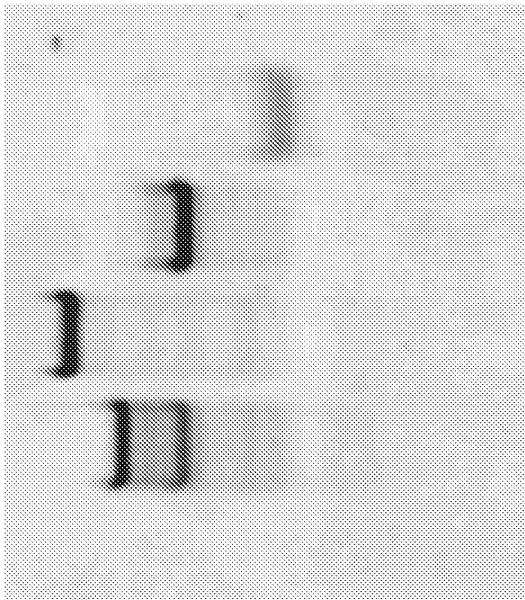


FIG. 5E

Make CAS miR23R HTT T1 PALM				70 uM
Total volu	1100.0 uL			
10xPBS	110.0 uL			
1xH2O	0.0 uL			
Component Name	Use (uL)	Nominal c	Desired ra	Desired (u Stock (uM)
Passenger HTT V3P11		188.5	70	1 70
Core miR23 V3C2		201.5	70	1 70
Sensor Alt miR23 Sensor 1 Amino Palm		710.0	70	1.1 77
				408.4096586
				382.1707514
				109

FIG. 5F

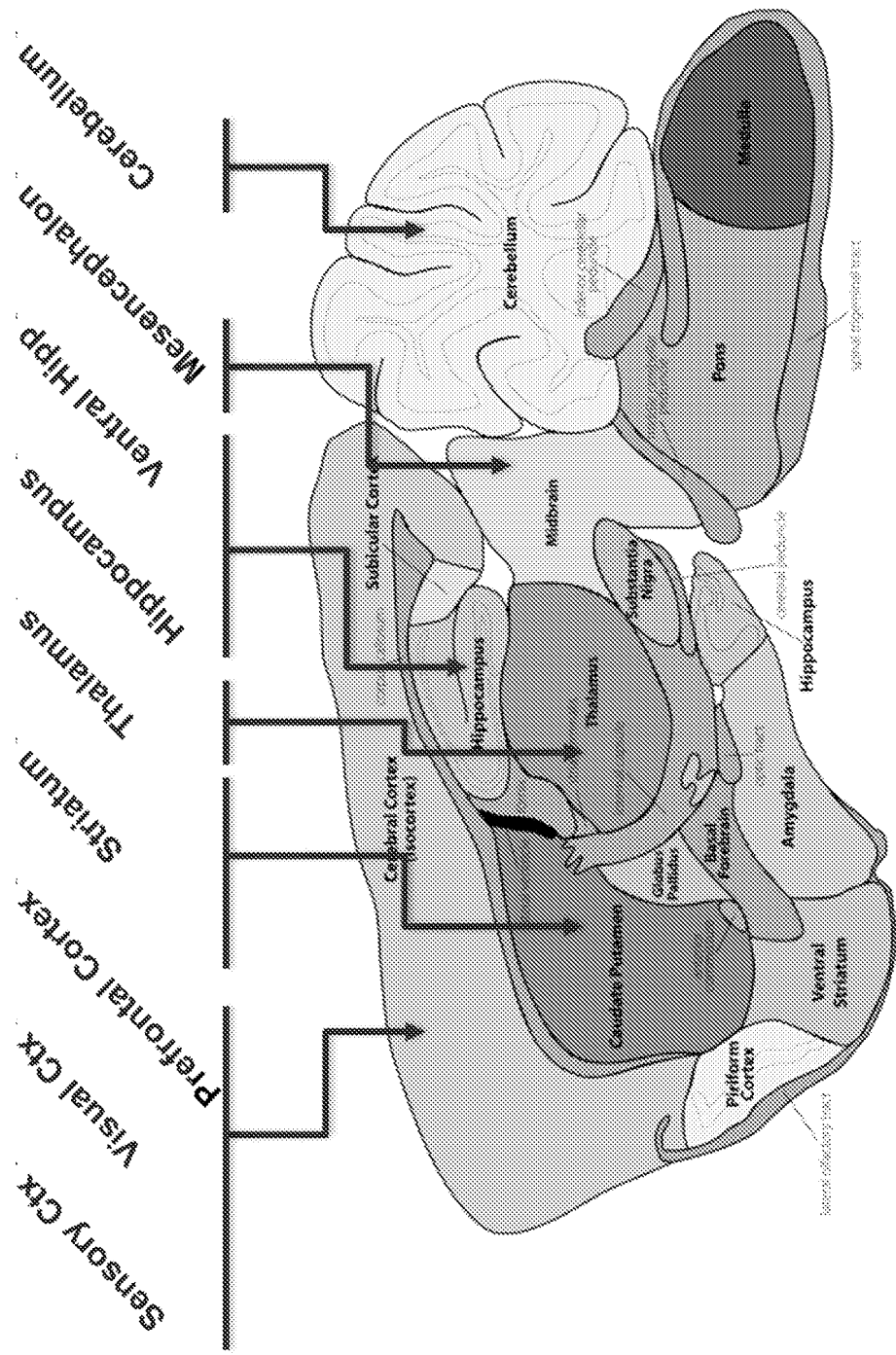


FIG. 6

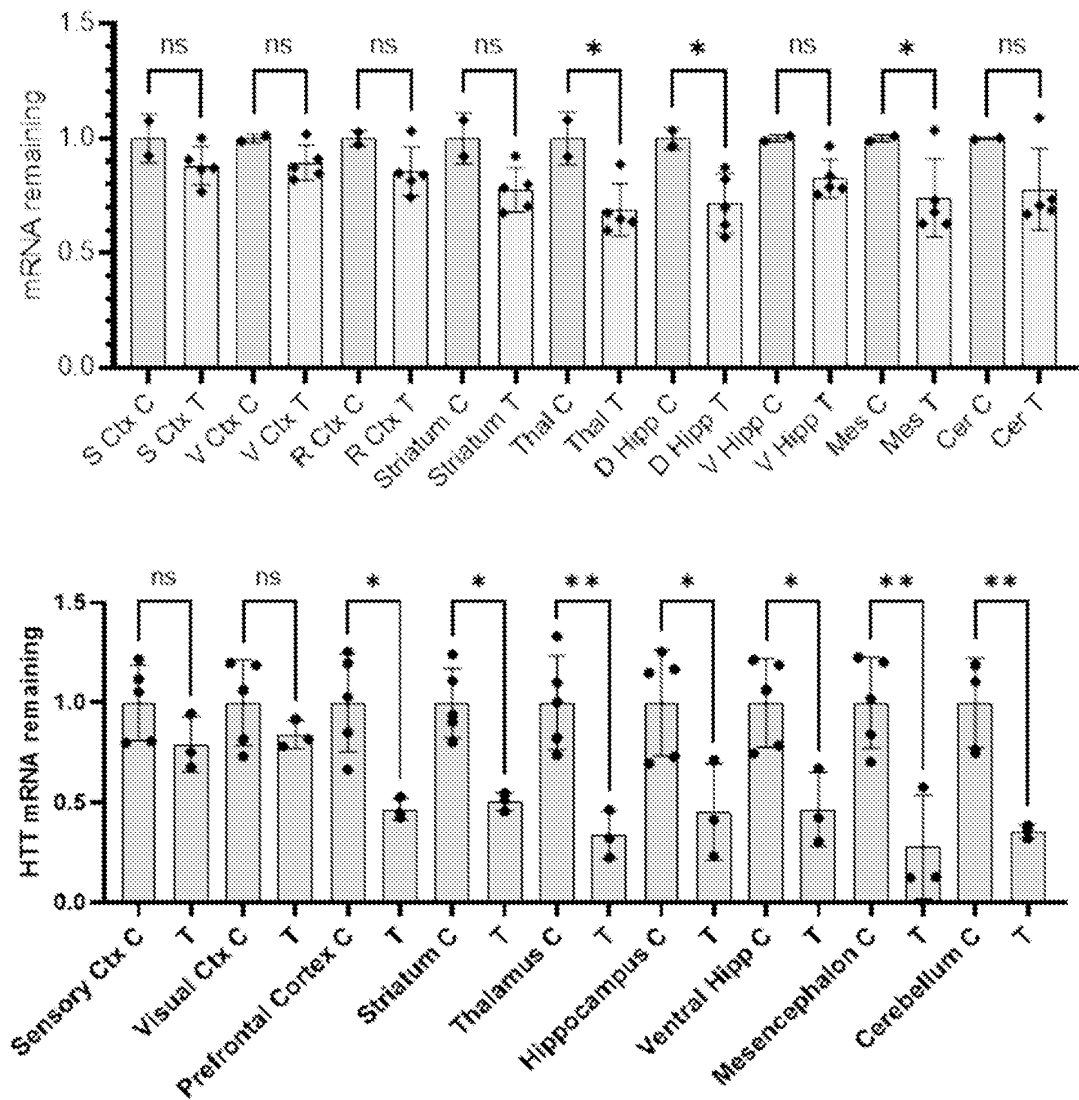


FIG. 7

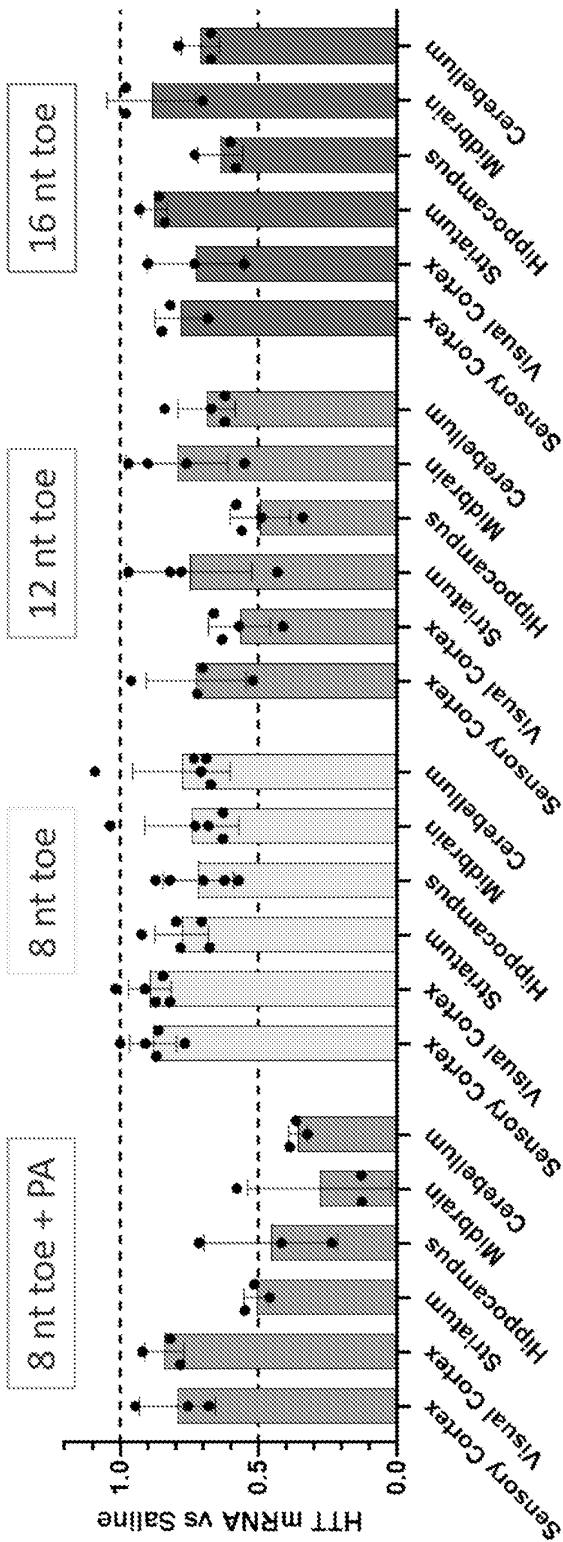


FIG. 8

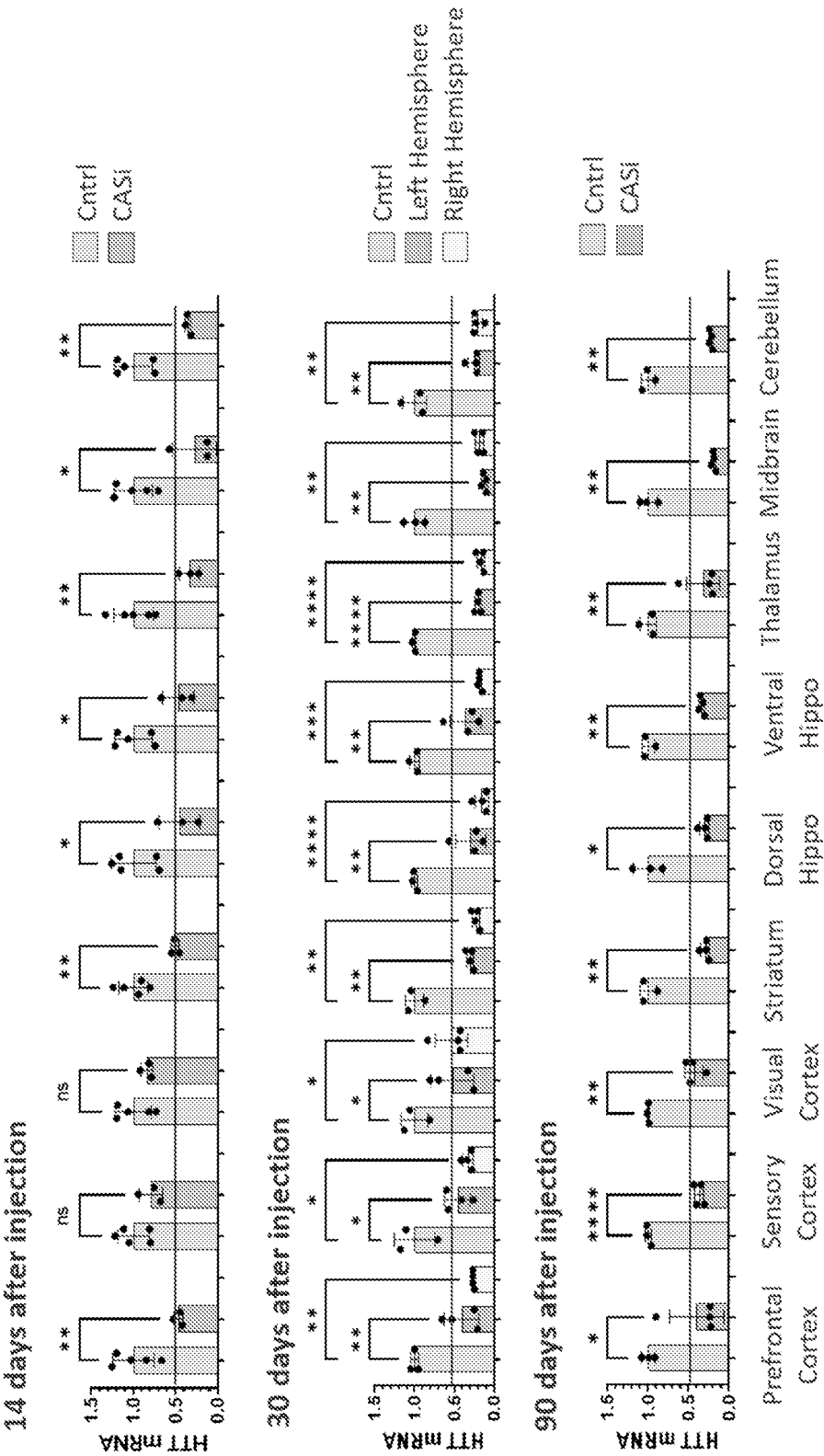


FIG. 9

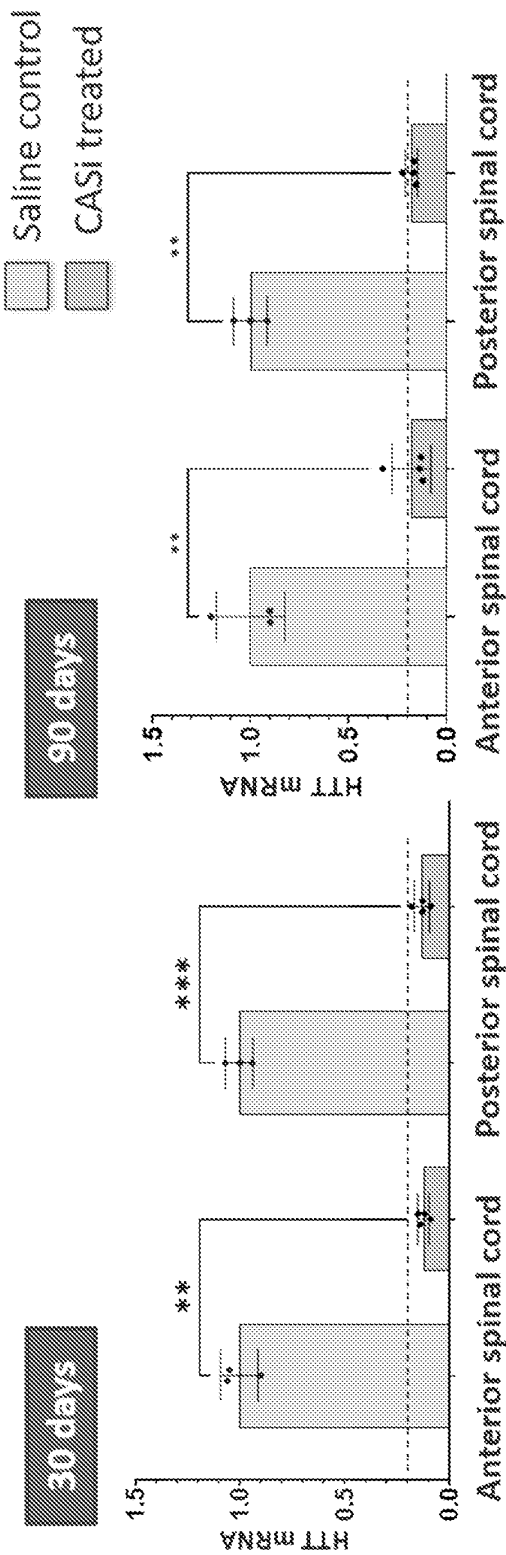
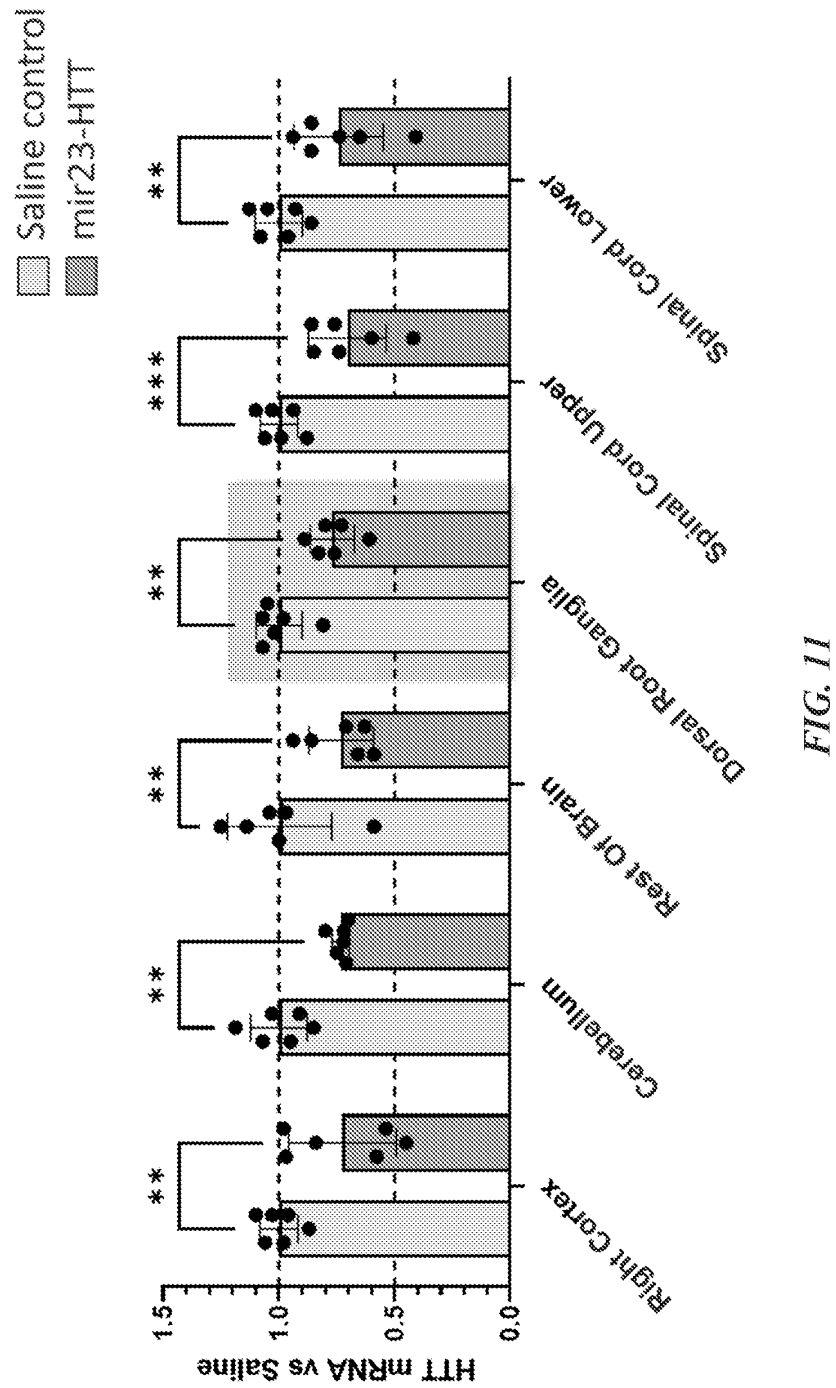


FIG. 10



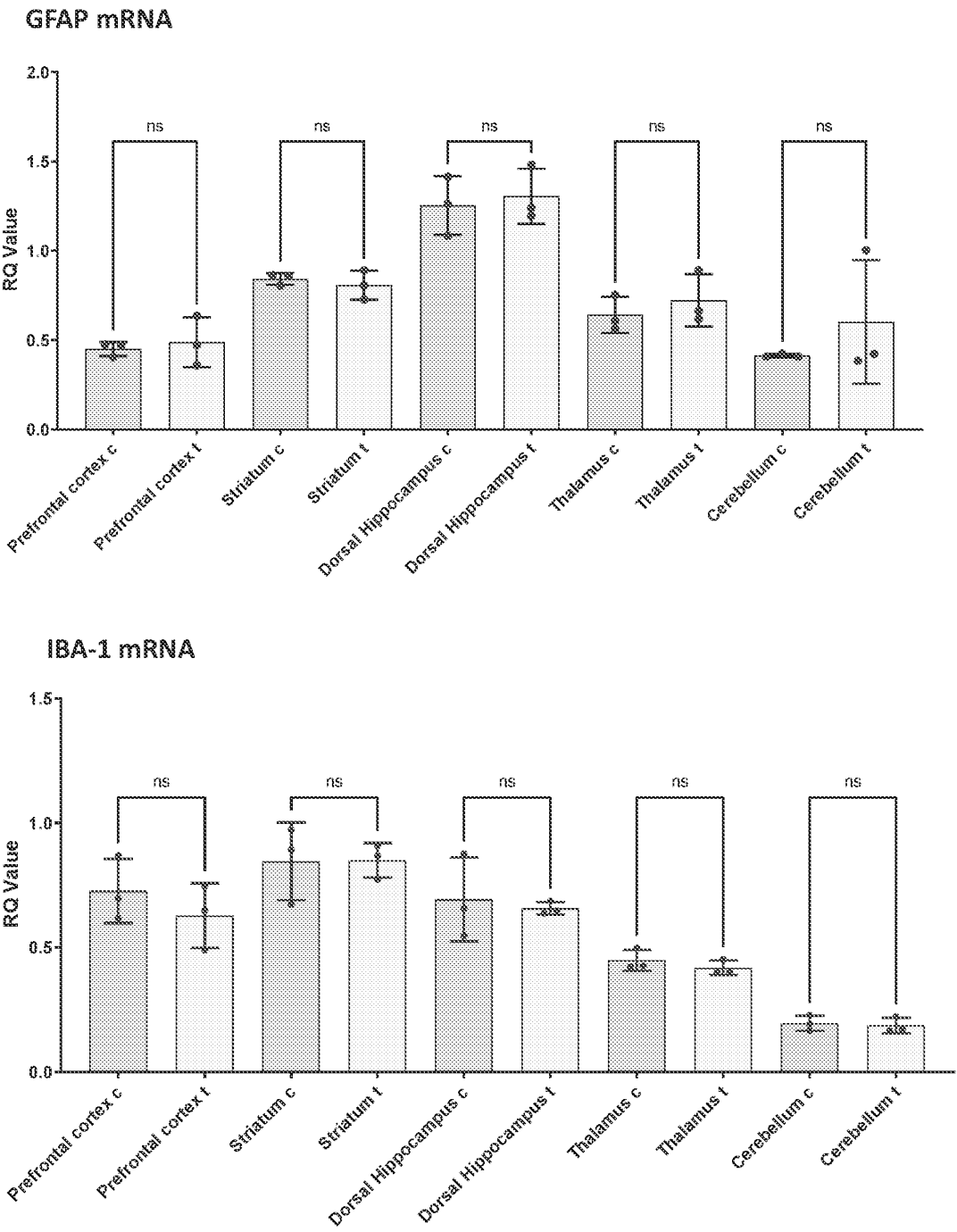


FIG. 12