

FIG. 1A

AAV9/AAV5 Libraries NHP Biopanning

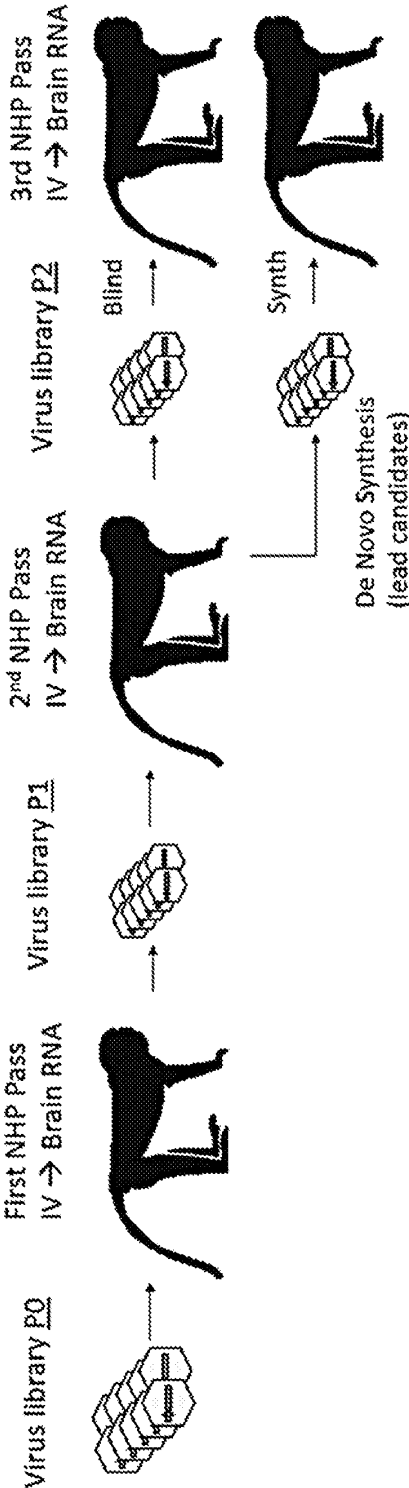


FIG. 1B

P3-Blind Loop8-7mer Library

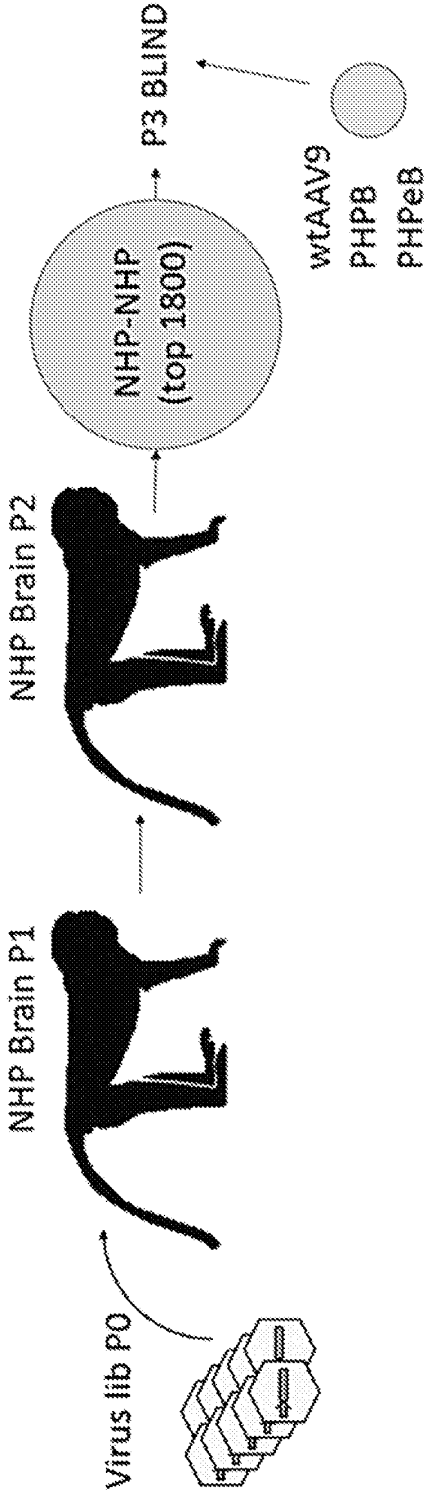


FIG. 2
Orthogonal Evolution of Loop8-7mer Library

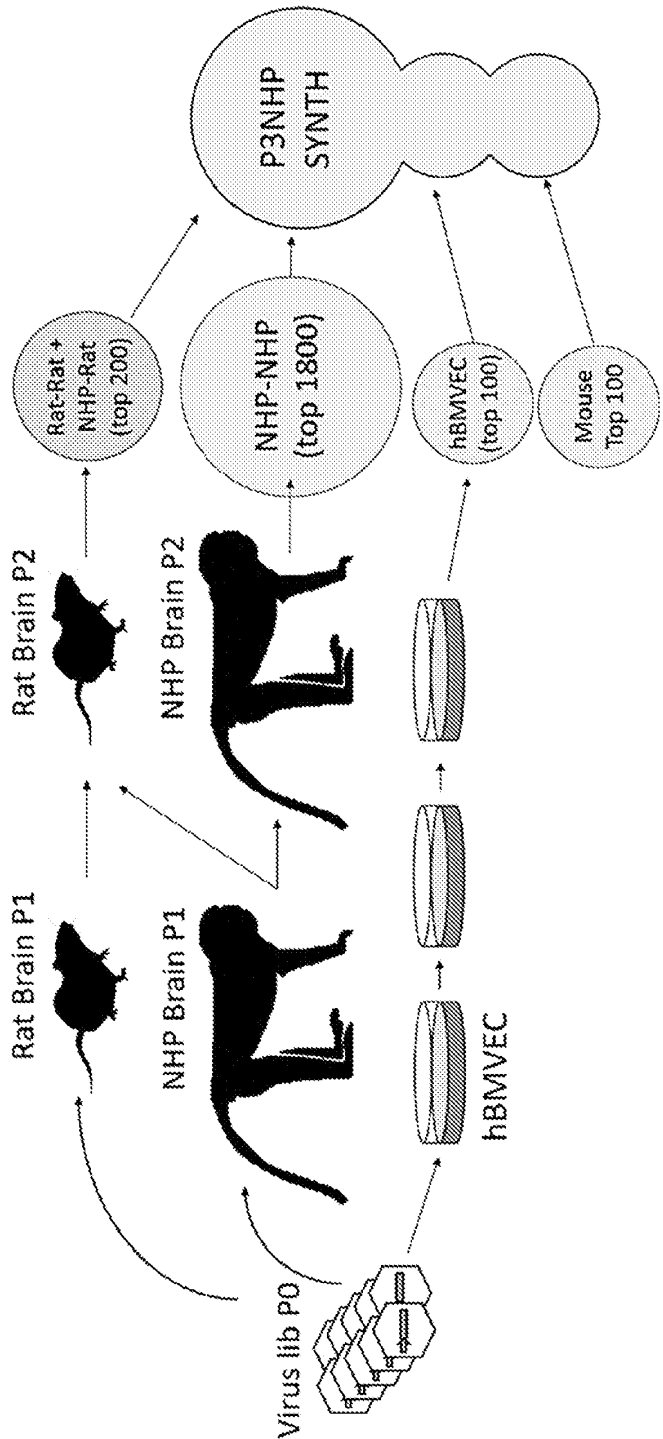


FIG. 3
High-Throughput Screening by NGS

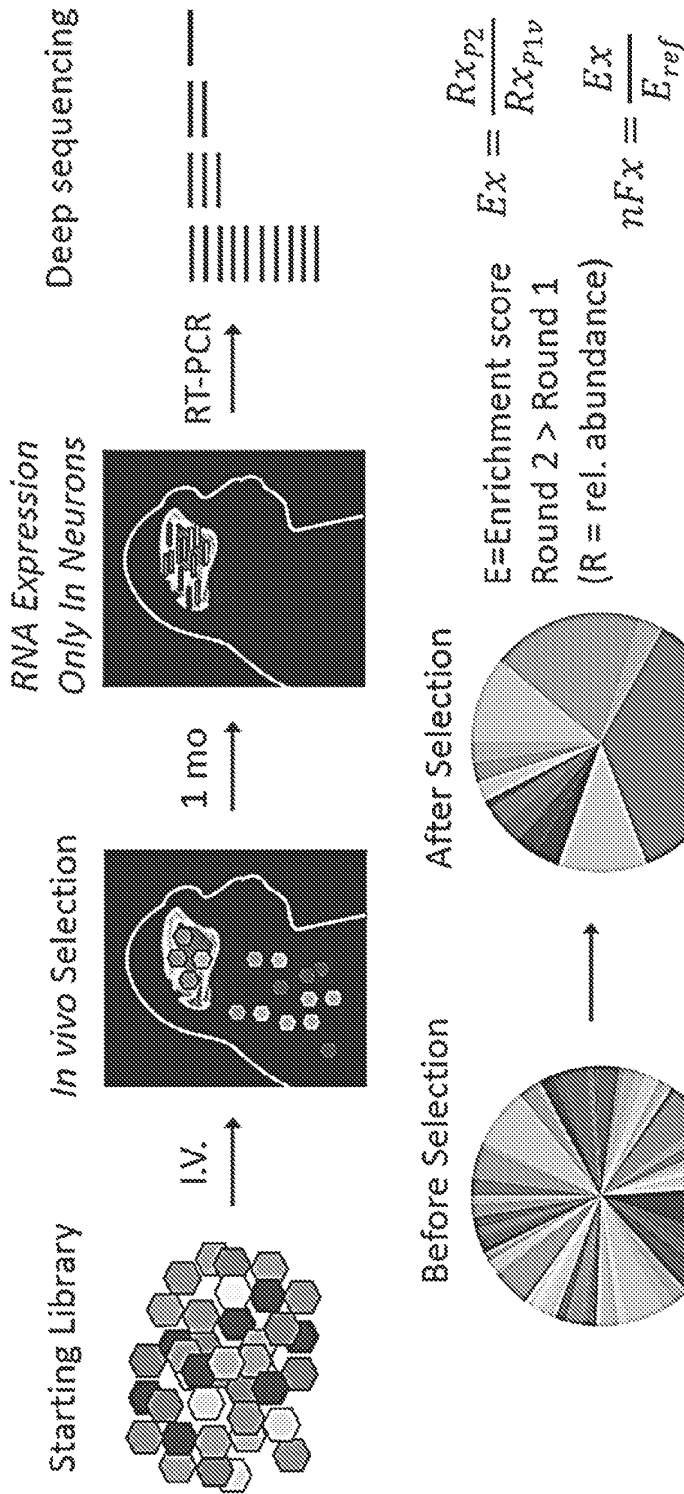


FIG. 4

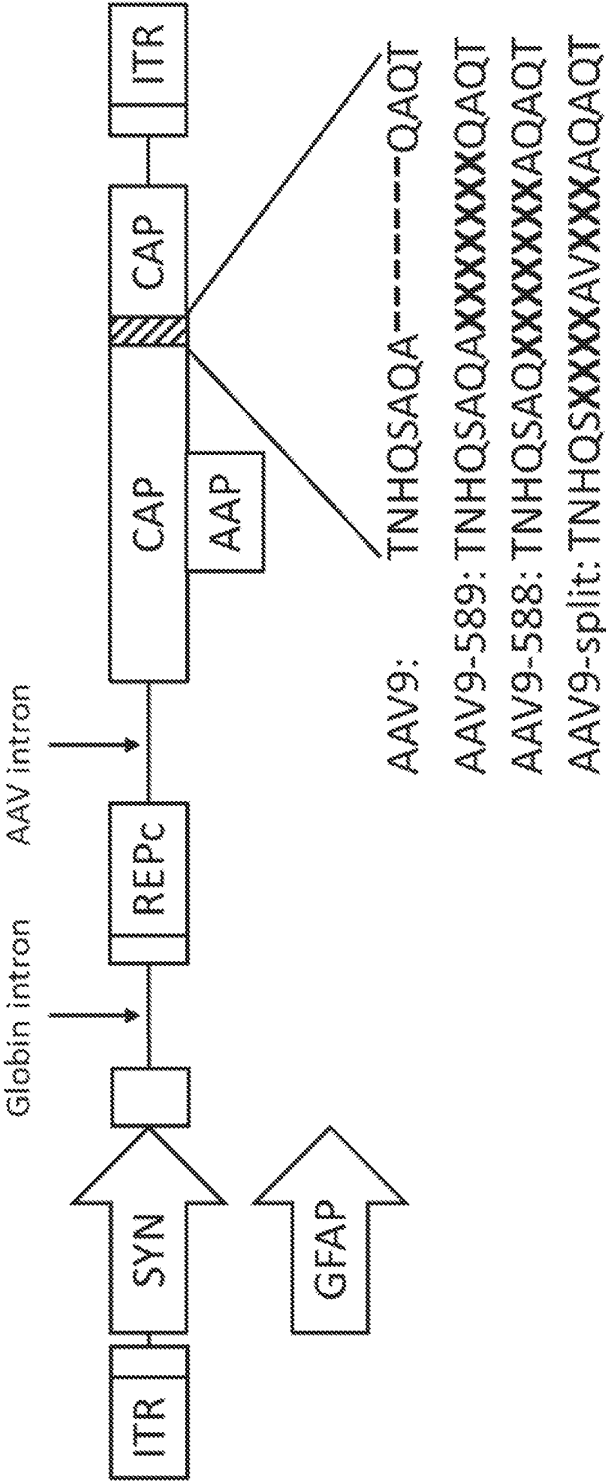


FIG. 5

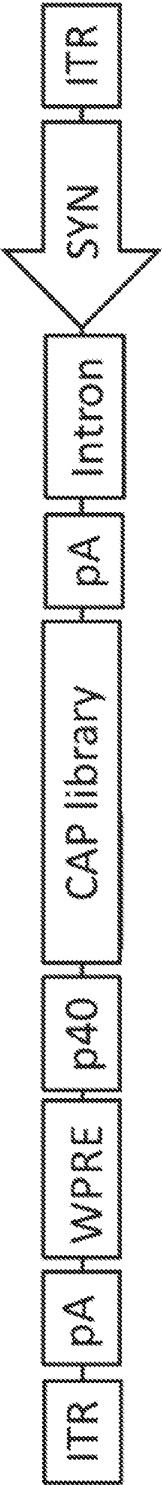


FIG. 6A

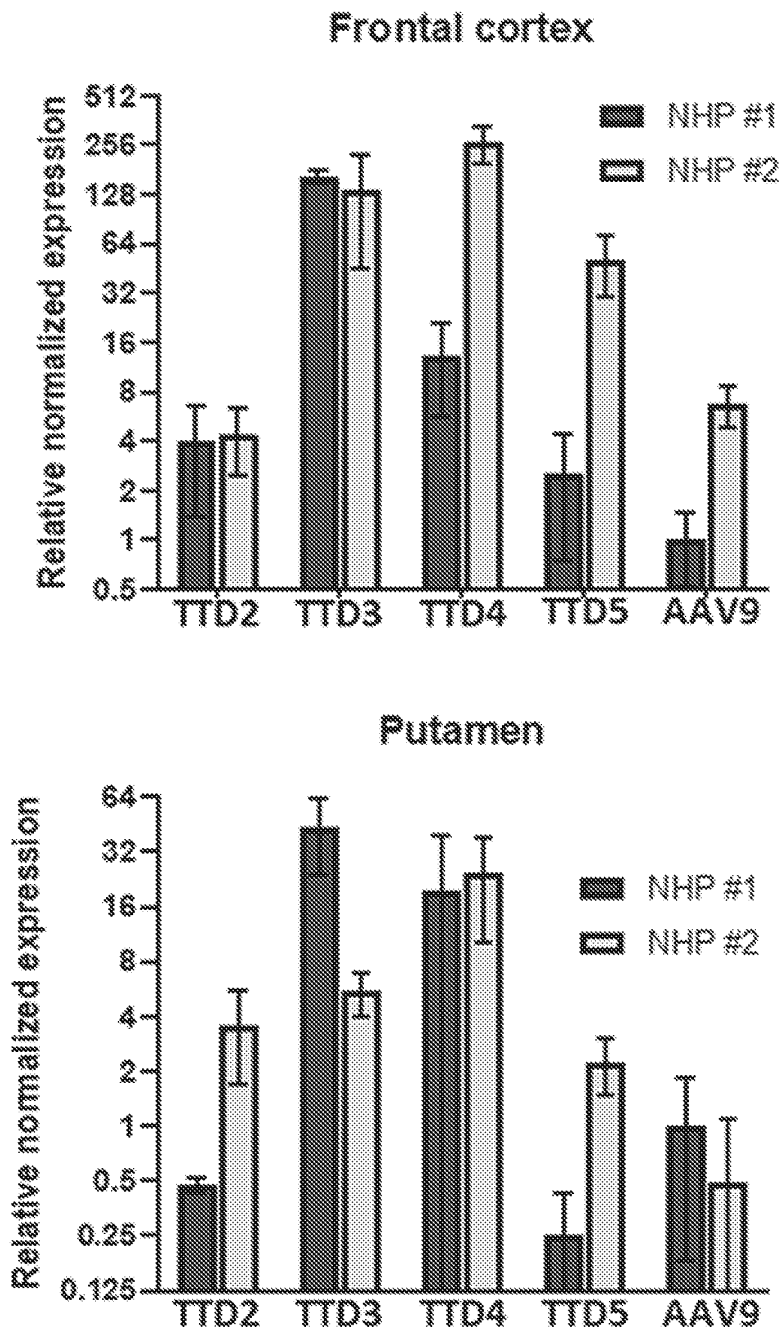


FIG. 6B

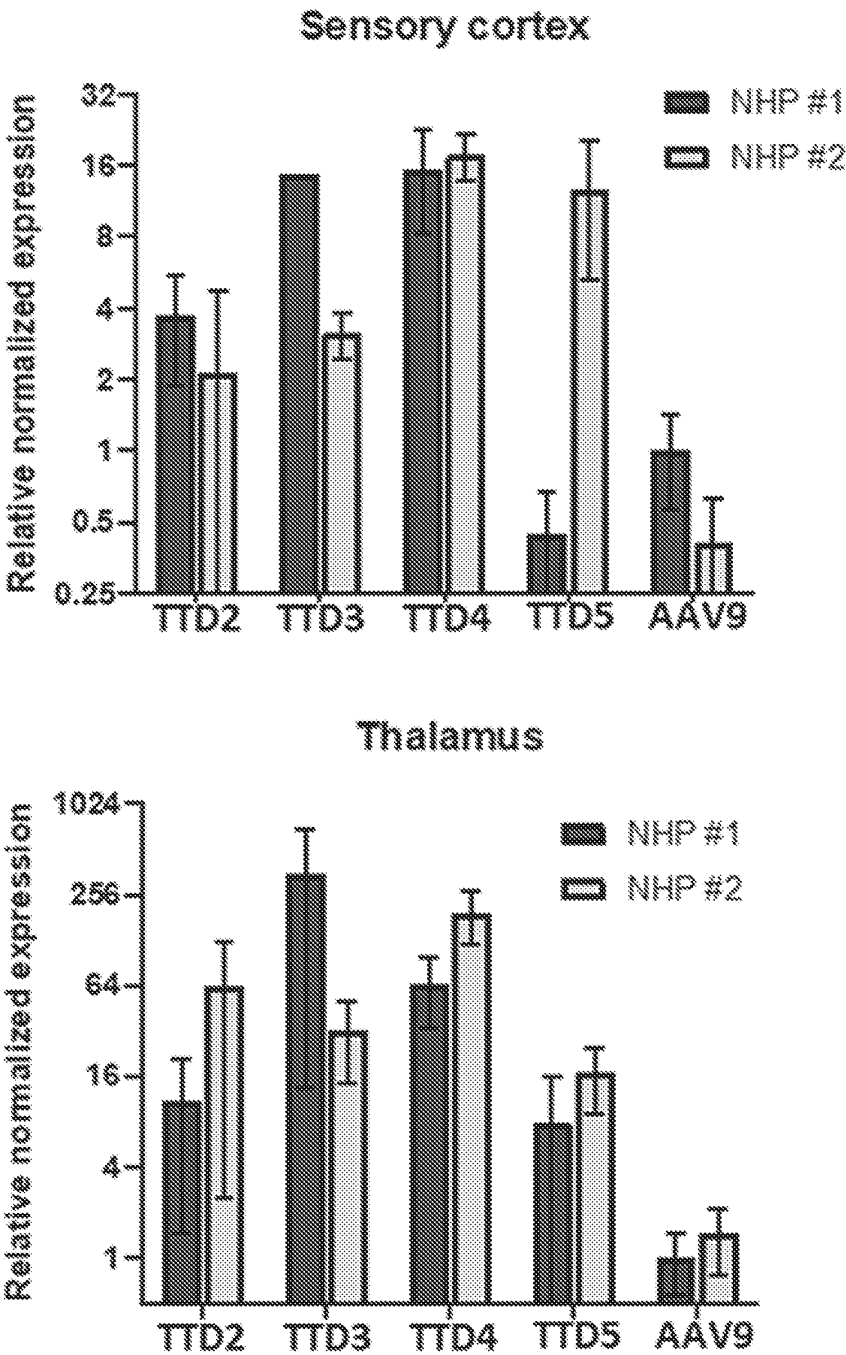


FIG. 6C

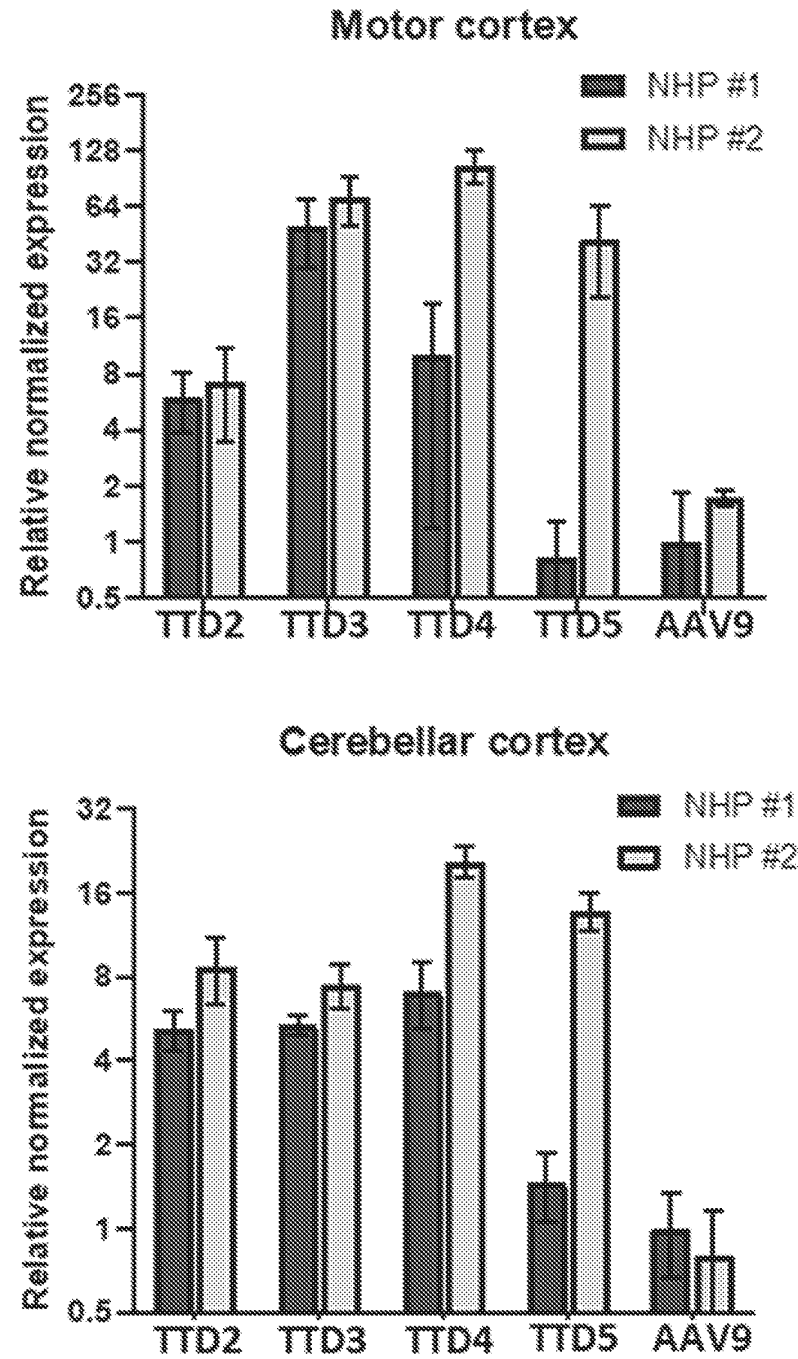


FIG. 7

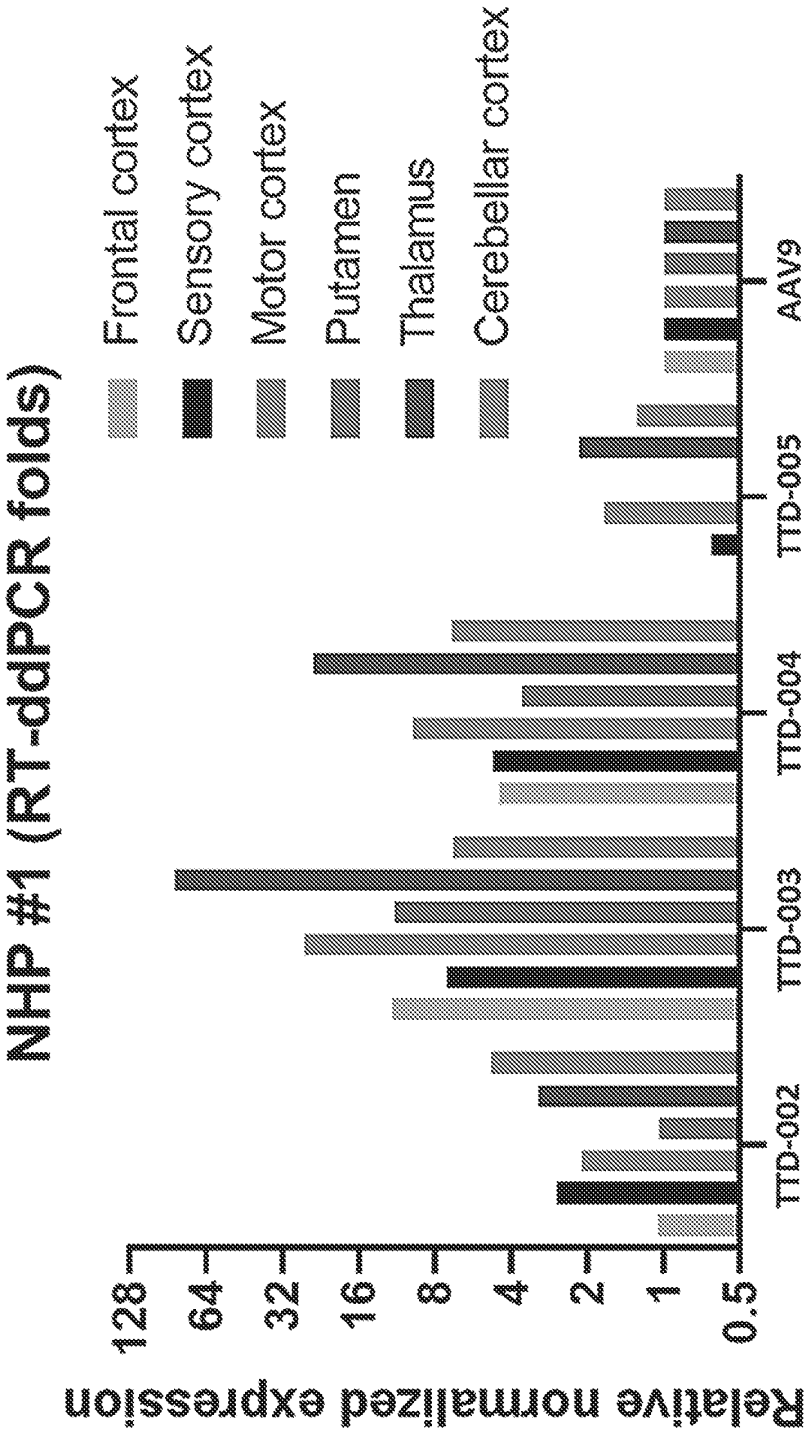


FIG. 8

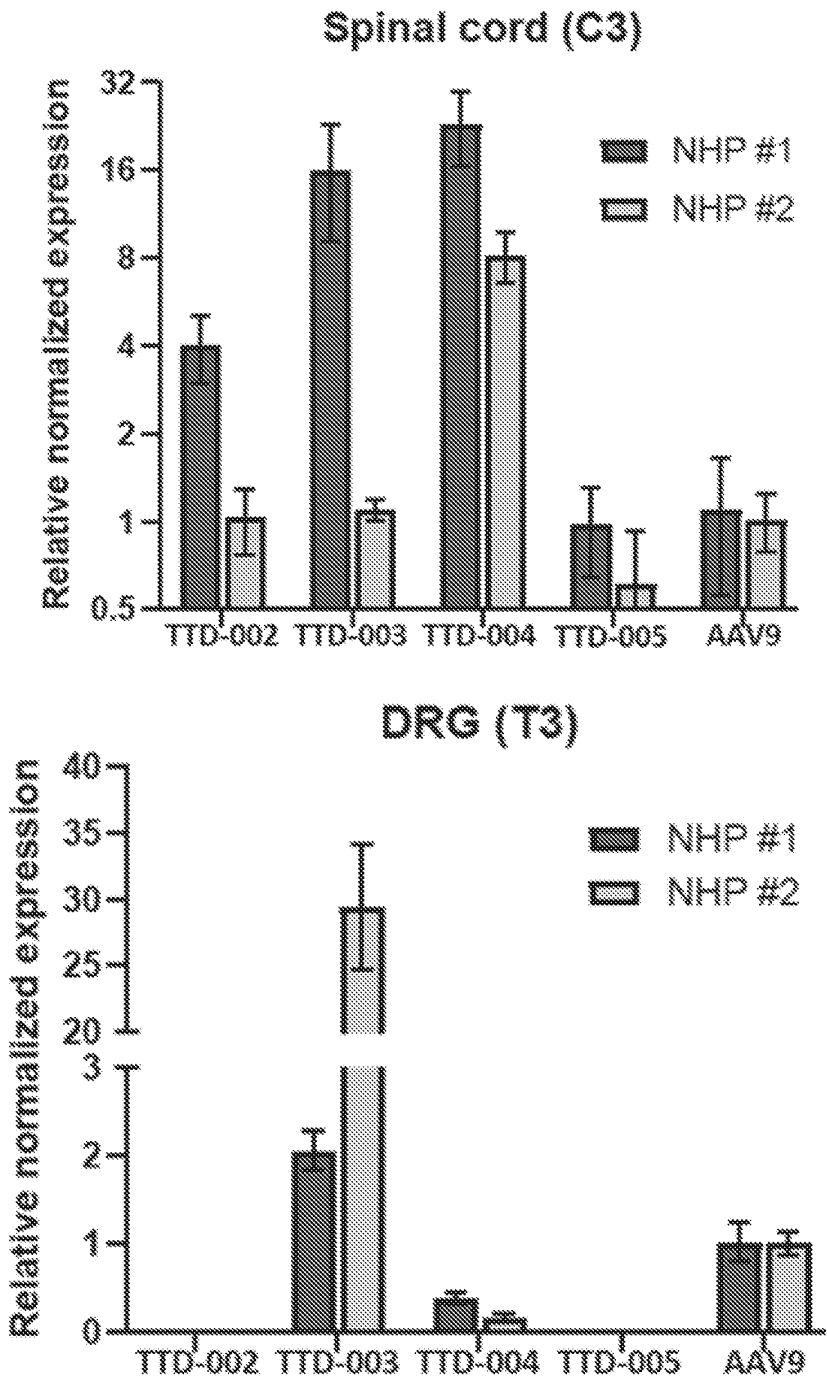


FIG. 9A

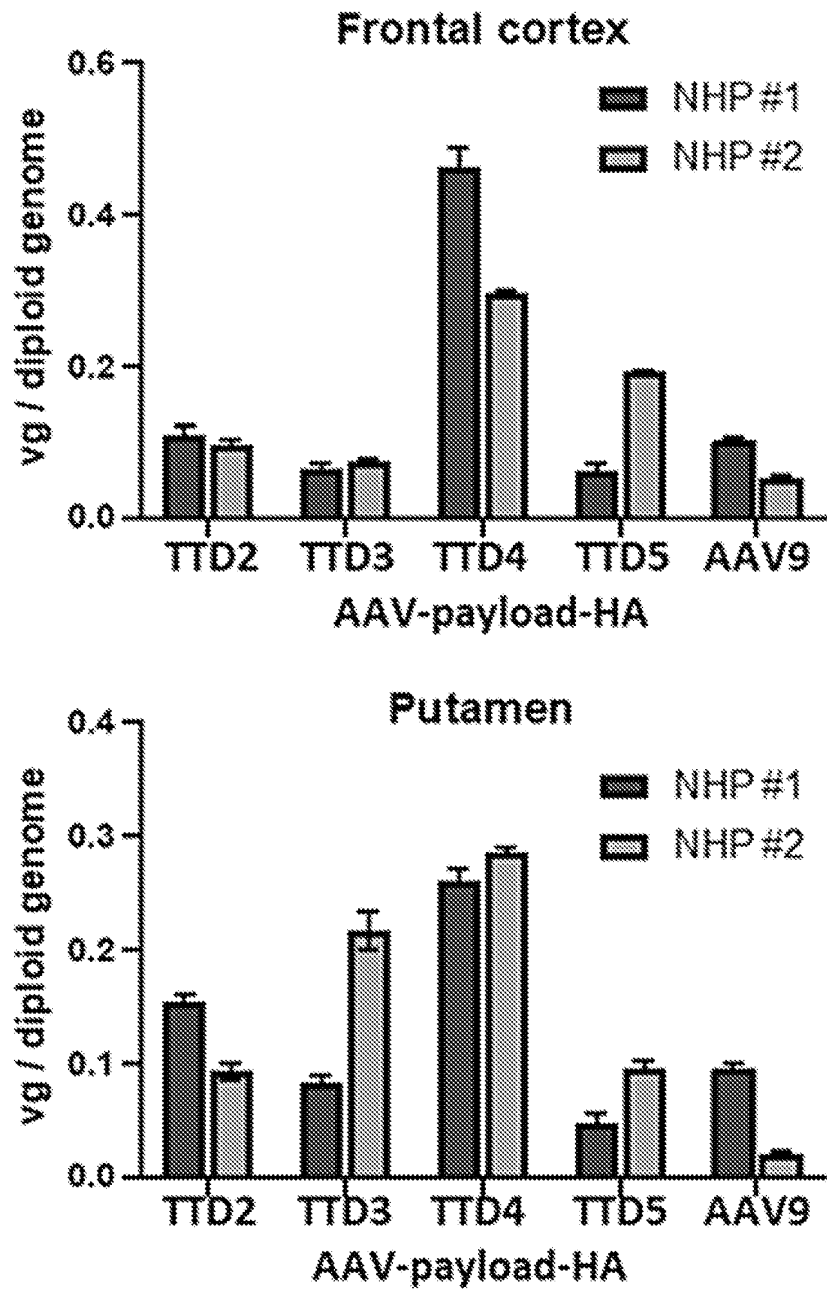


FIG. 9B

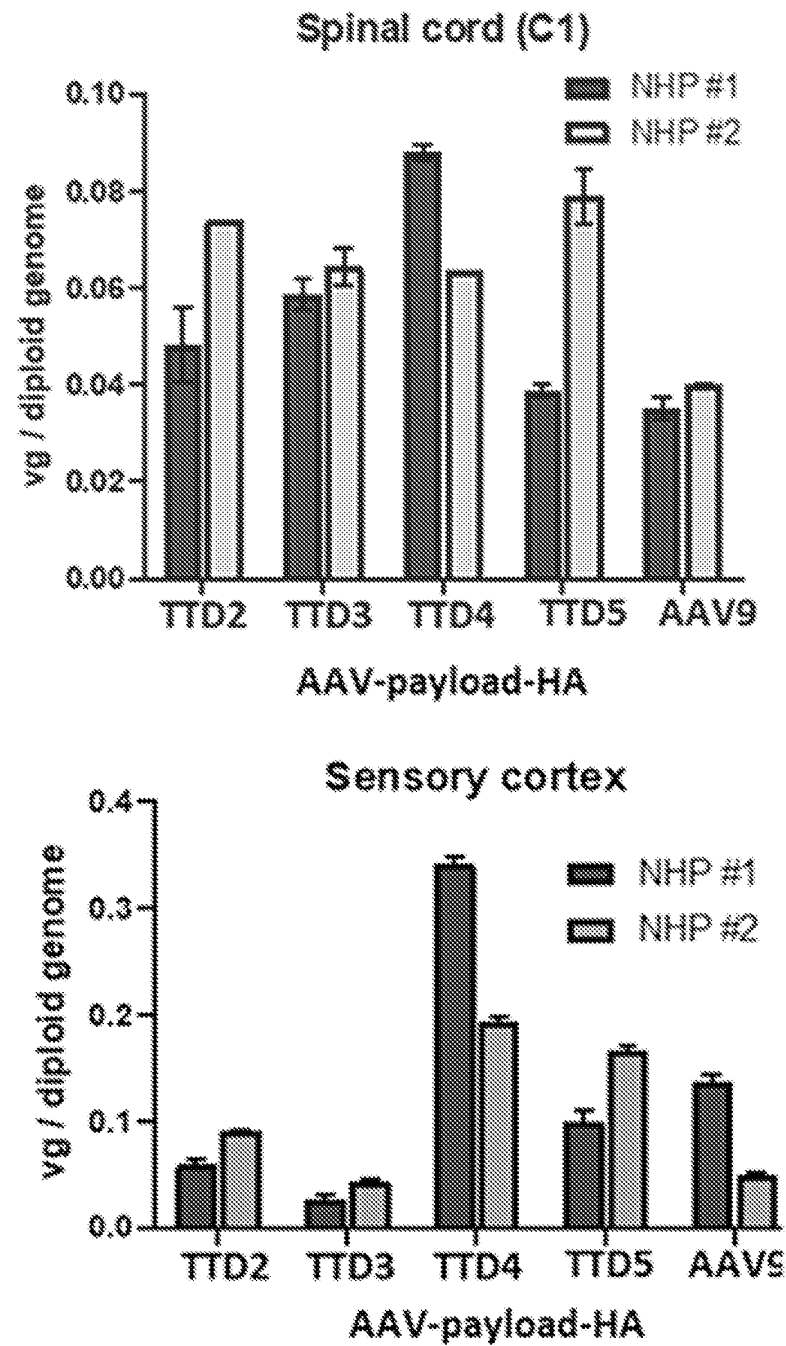


FIG. 9C

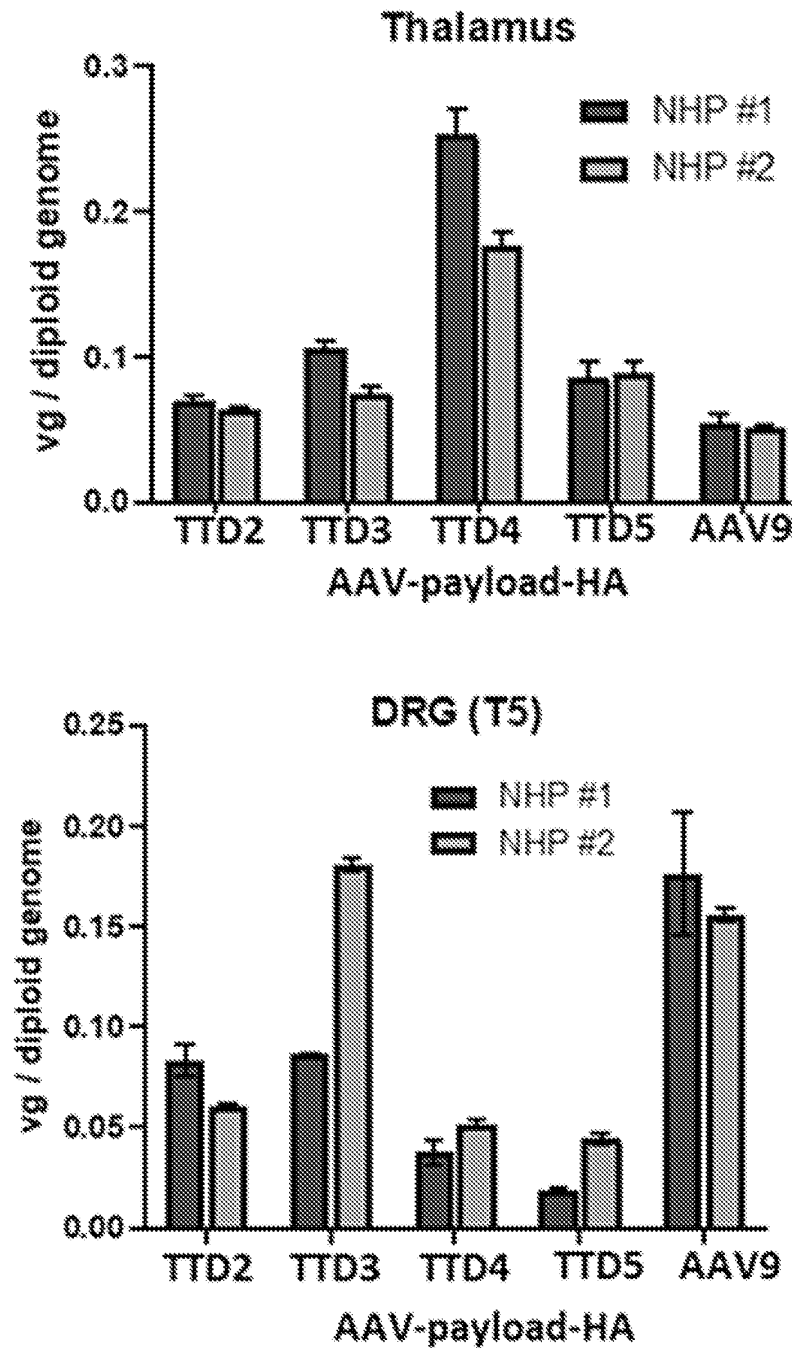


FIG. 9D

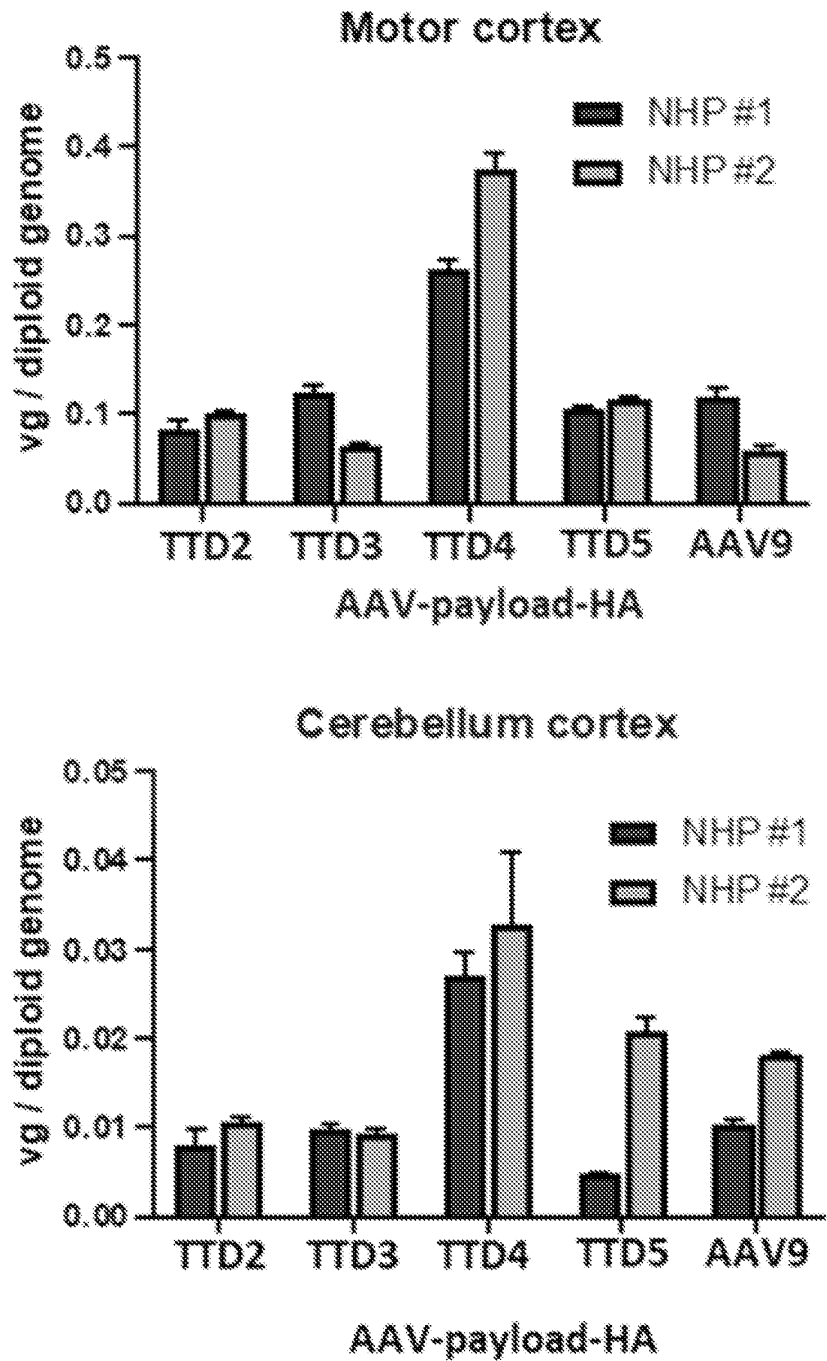
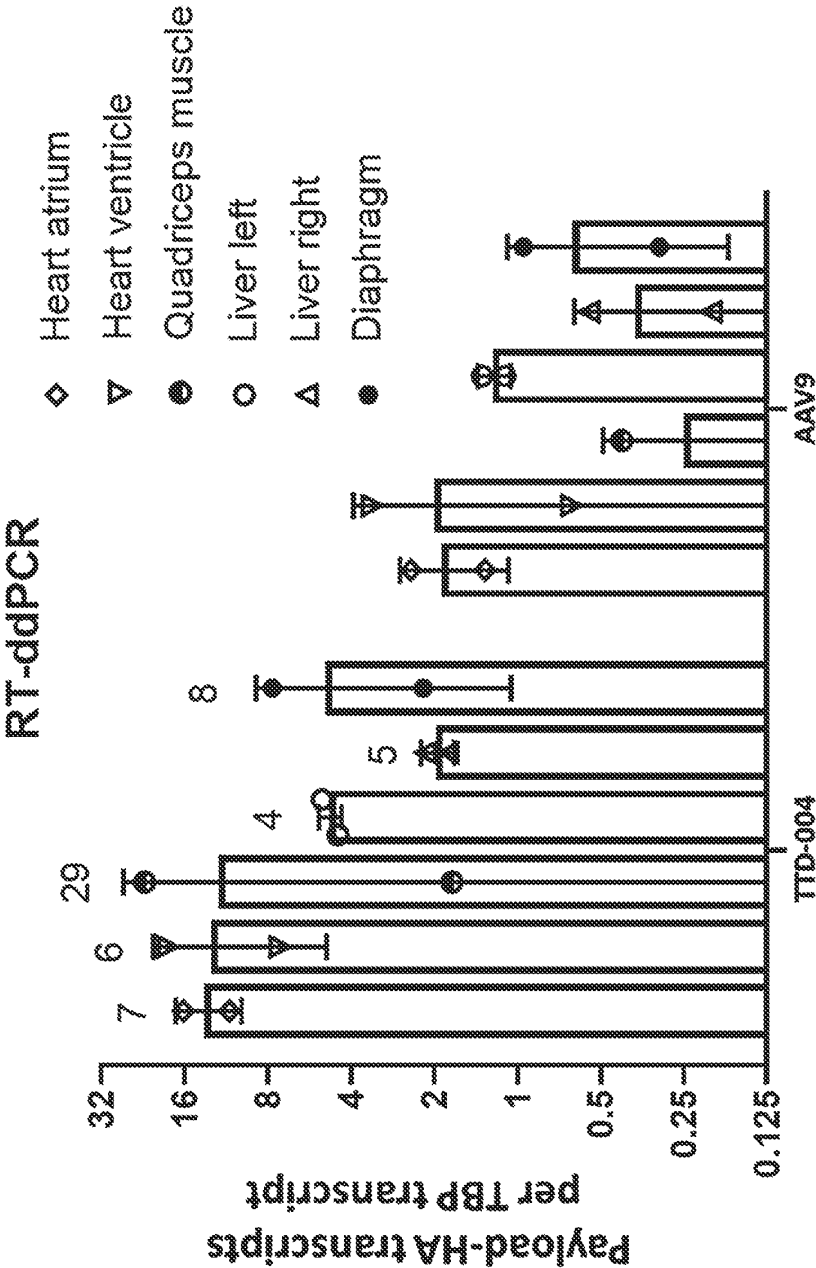


FIG. 10A



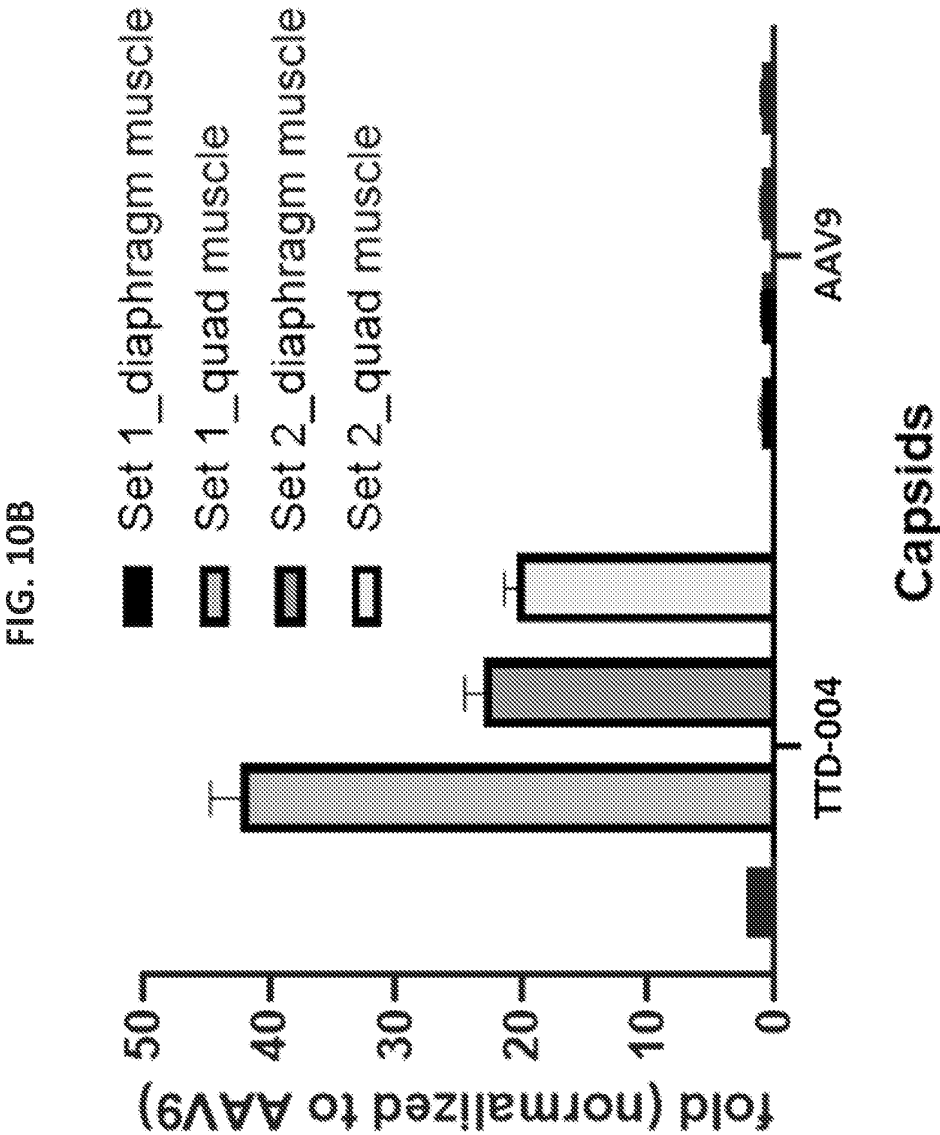


FIG. 11A

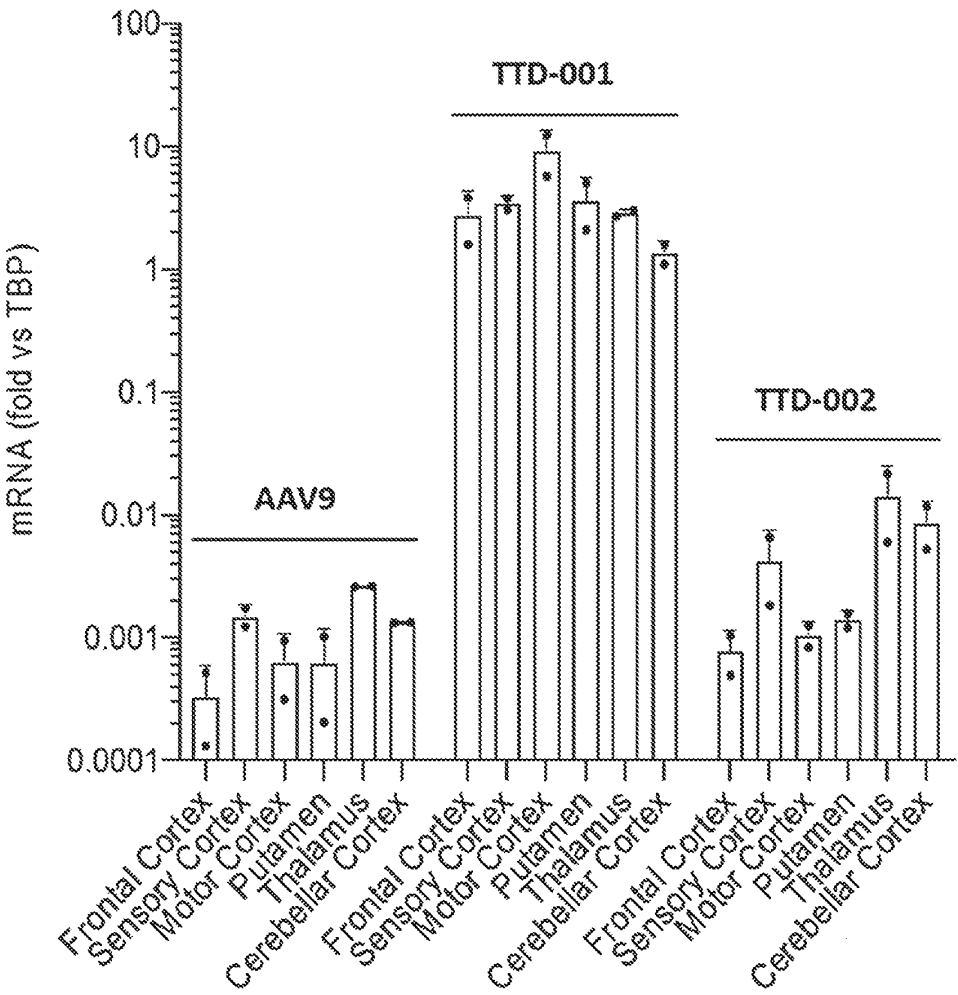


FIG. 11B

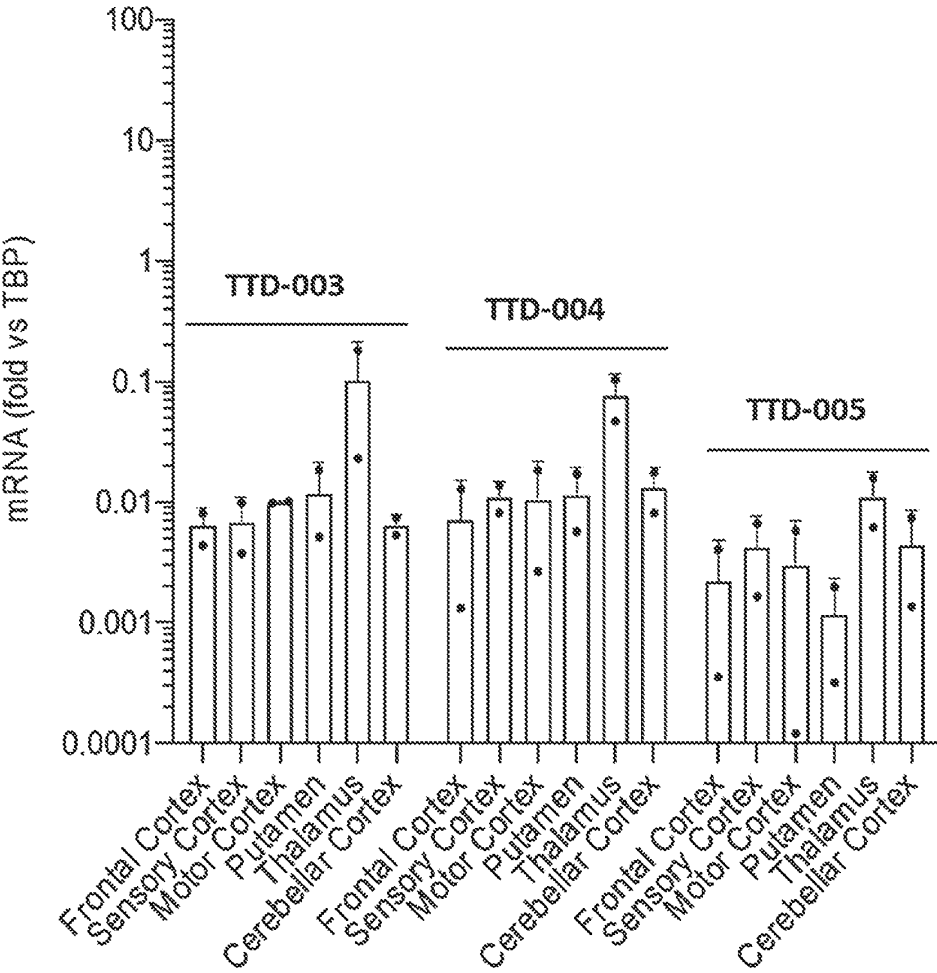


FIG. 12A

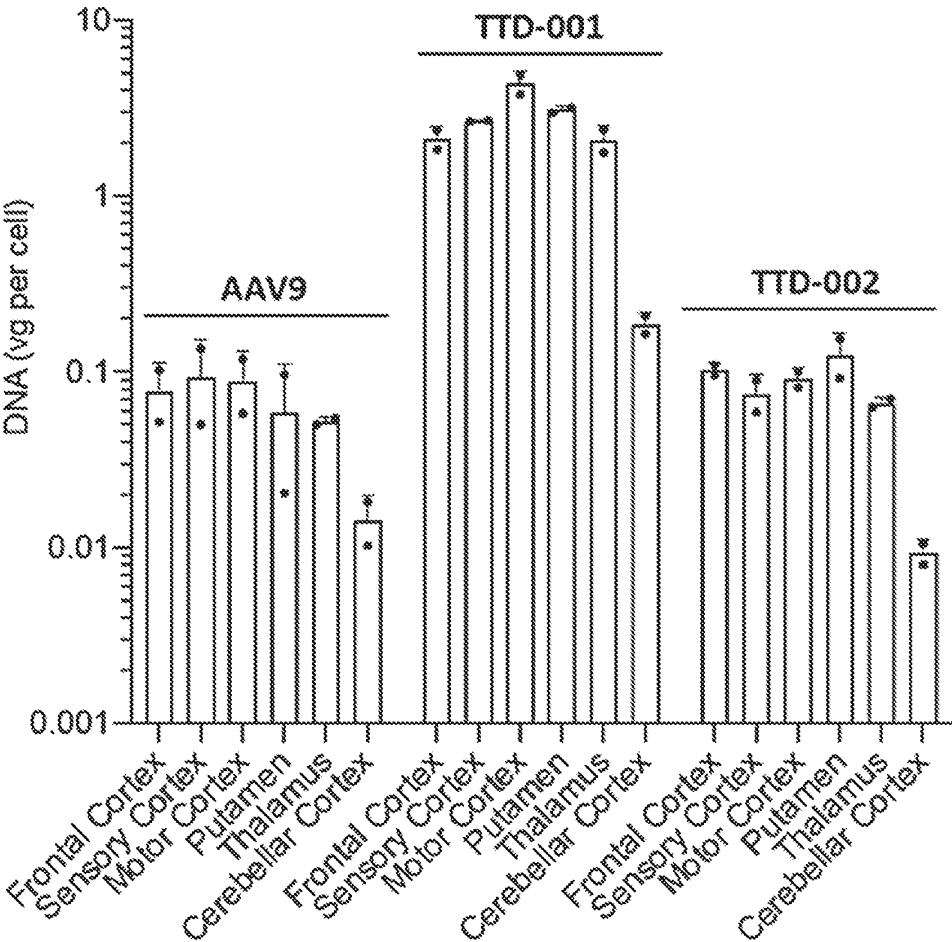


FIG. 12B

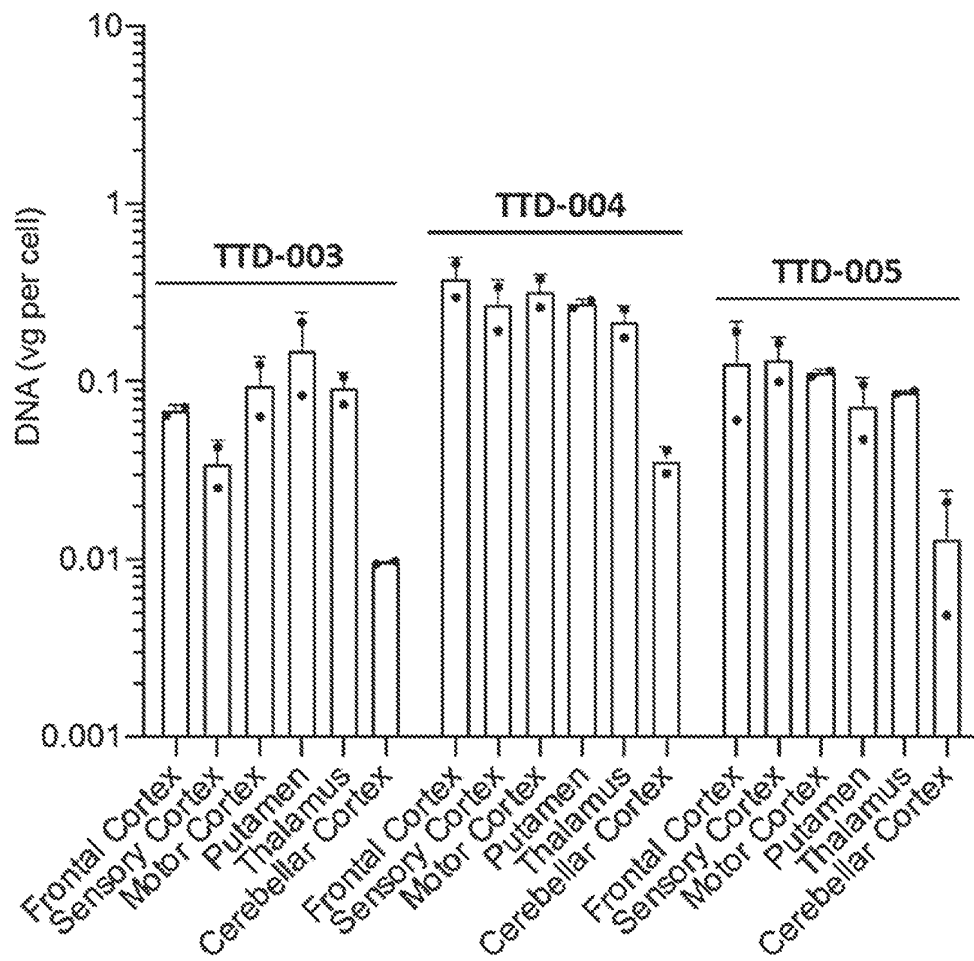


FIG. 13A

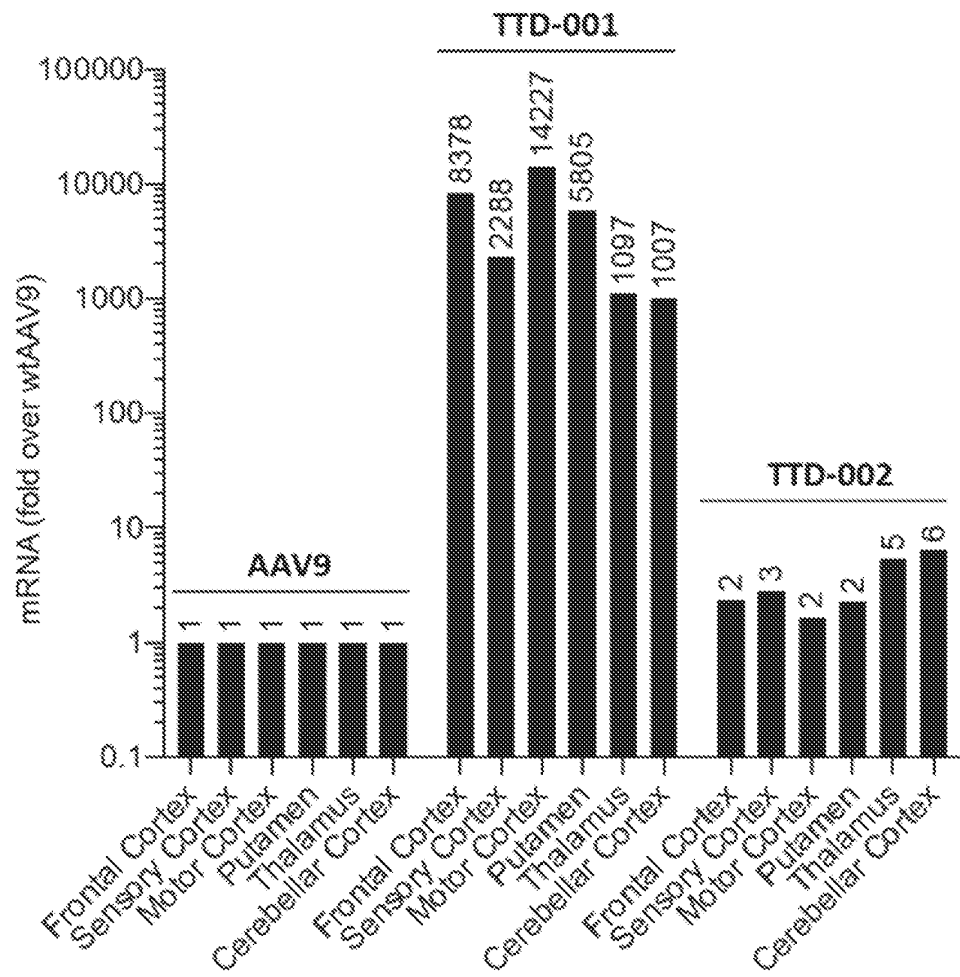


FIG. 13B

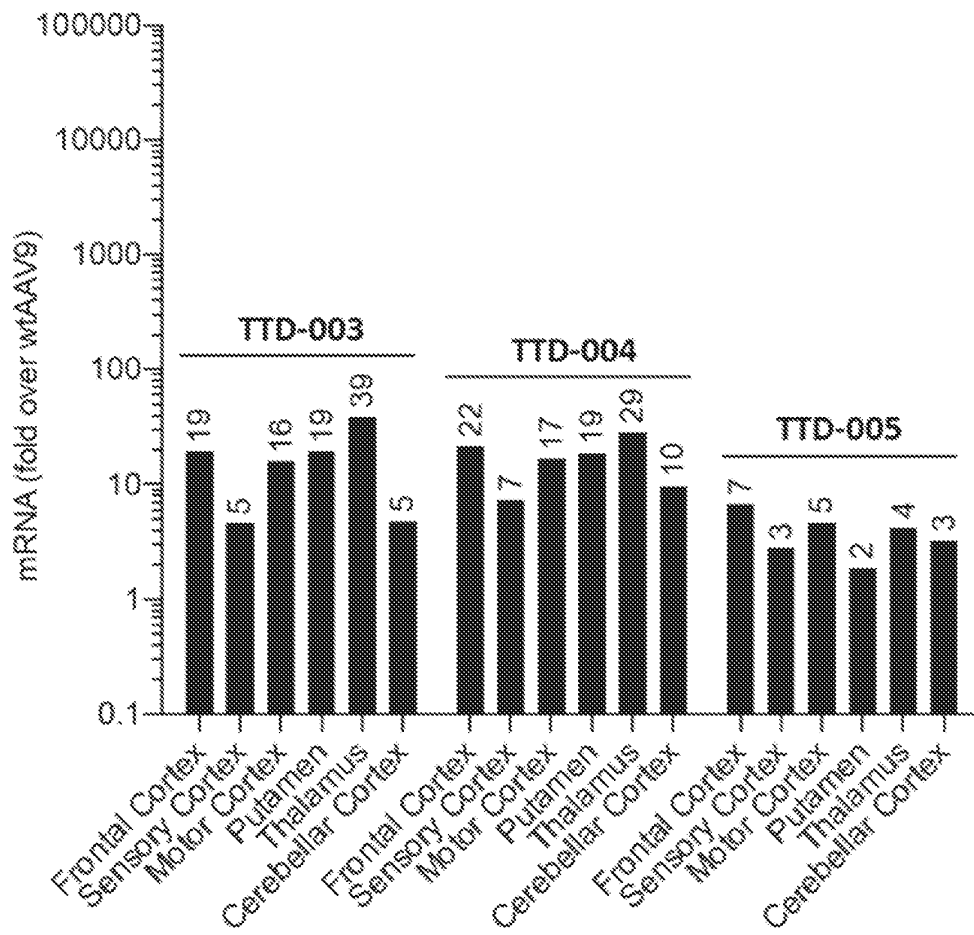


FIG. 14A

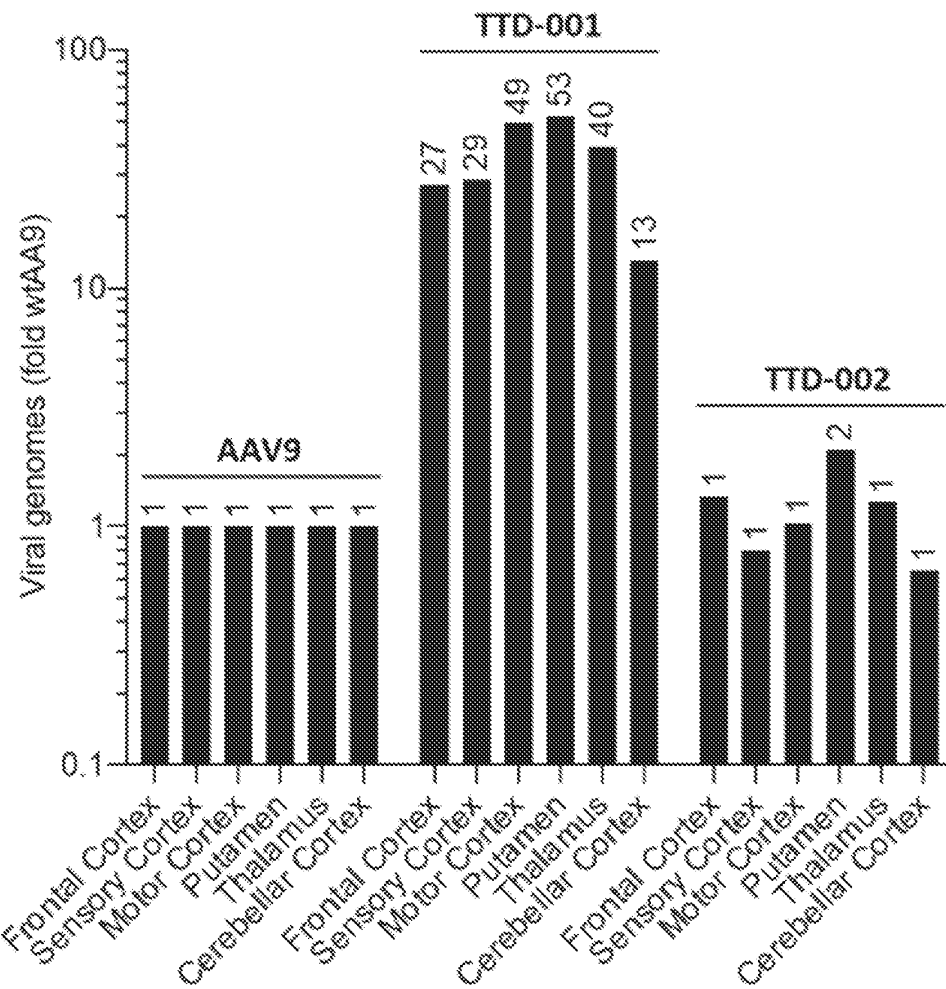


FIG. 14B

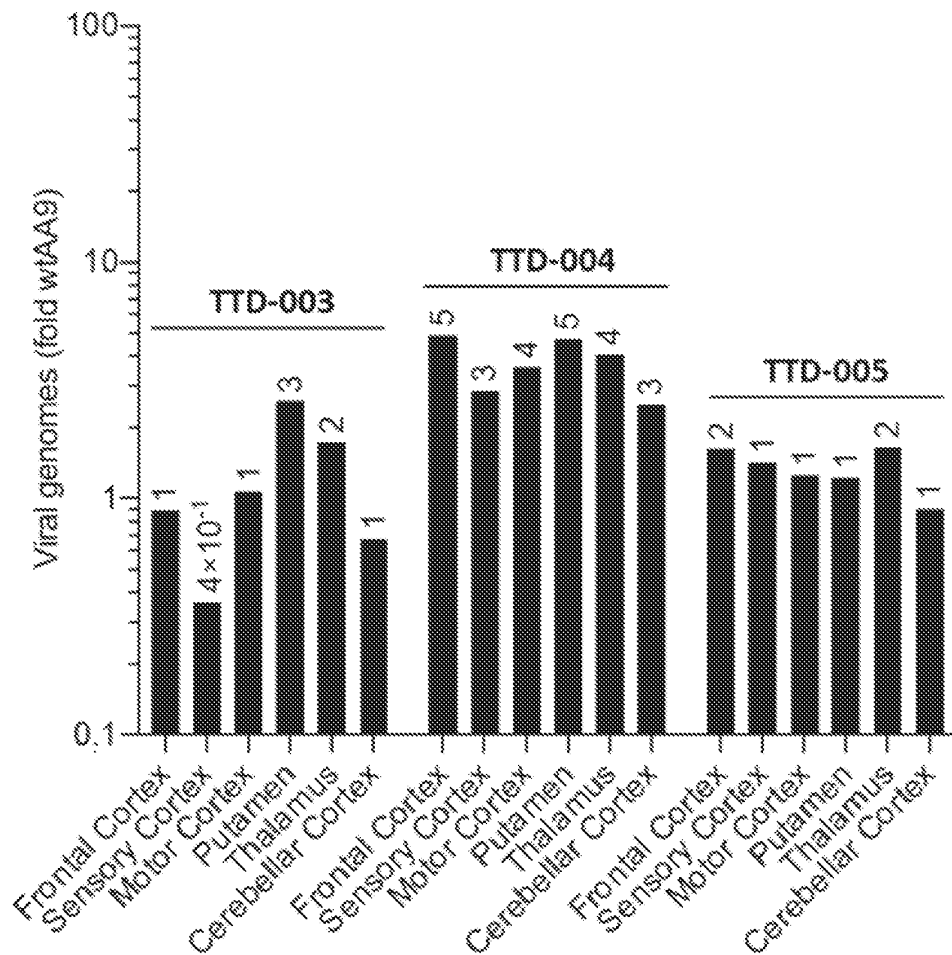


FIG. 15A

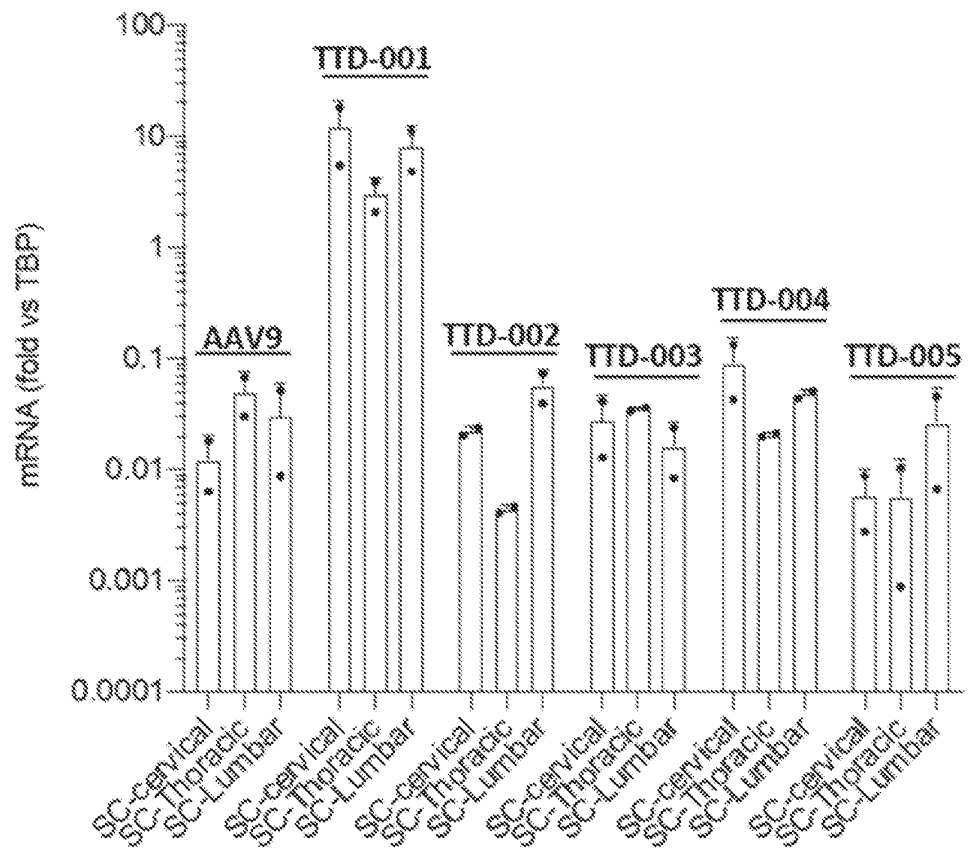


FIG. 15B

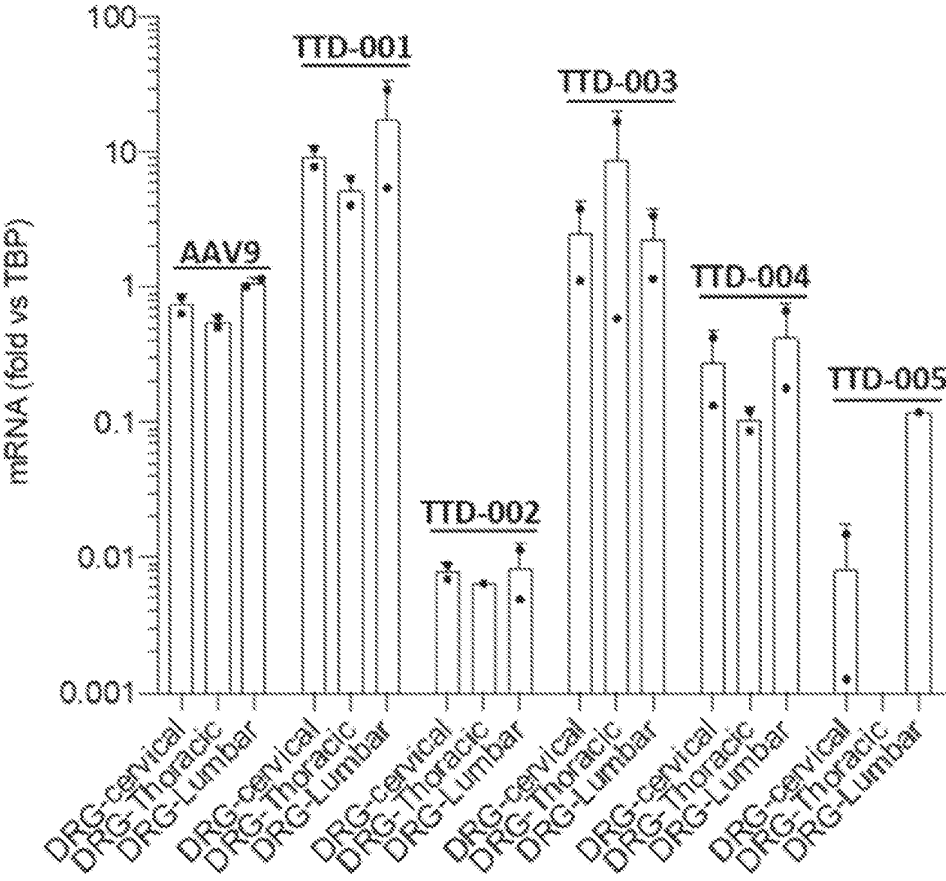


FIG. 16A

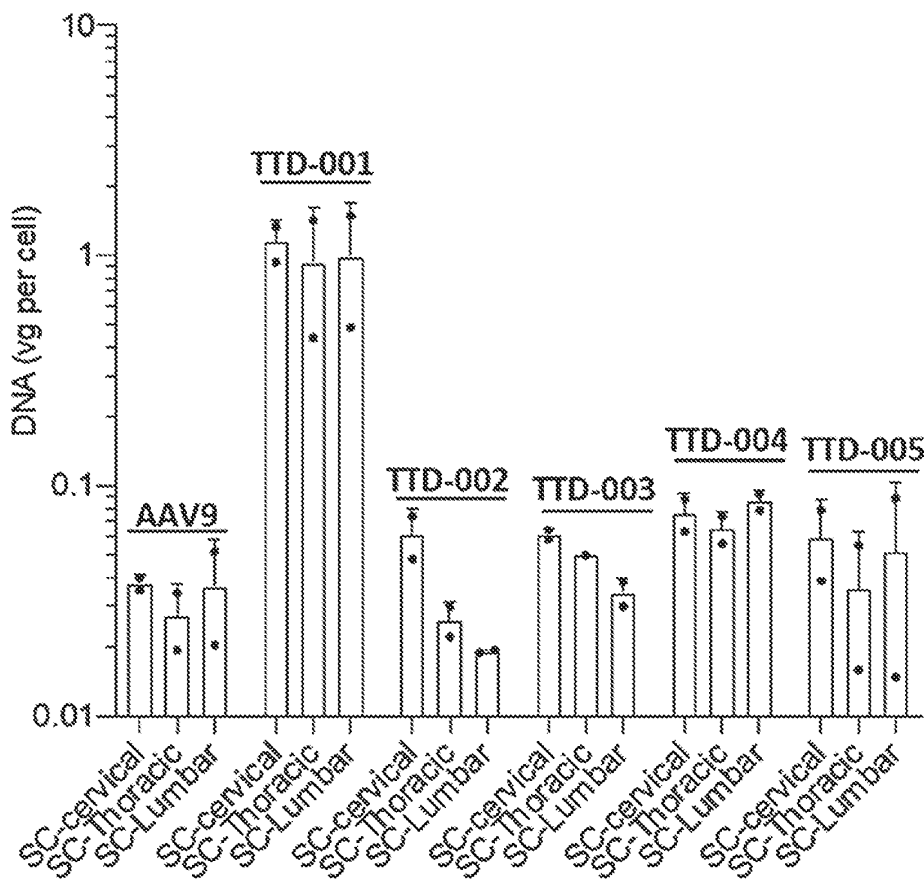


FIG. 16B

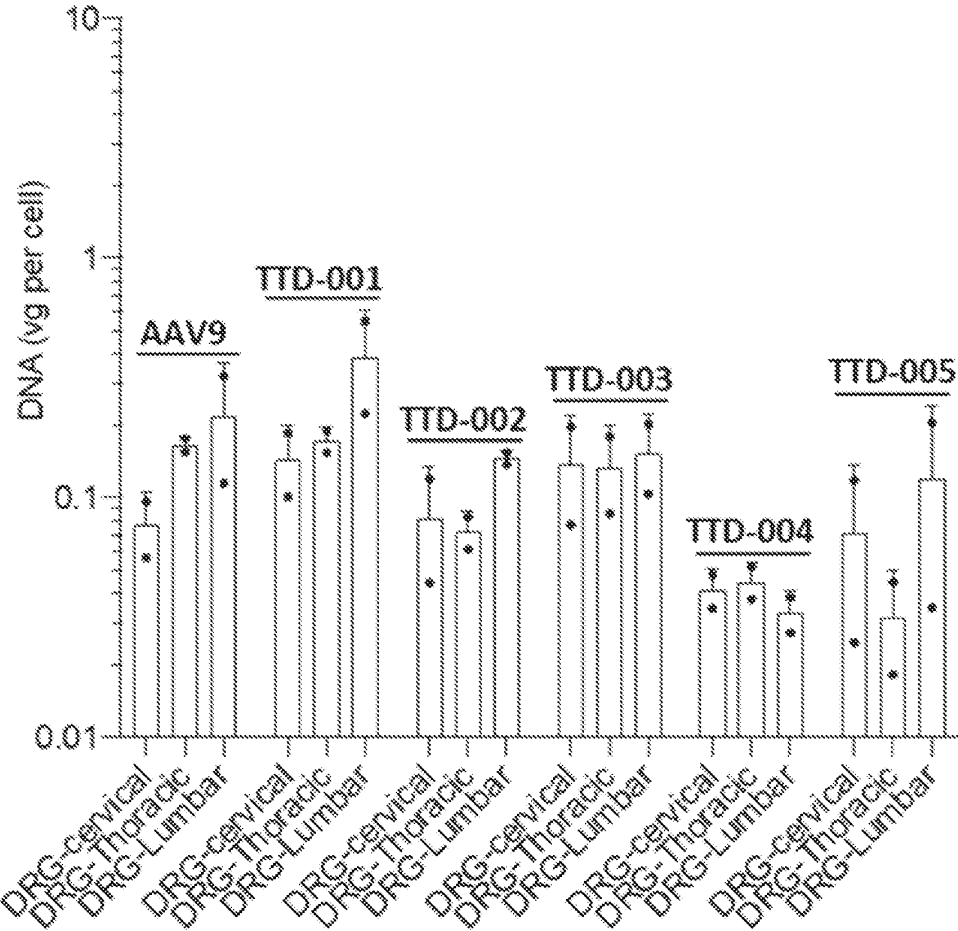


FIG. 17A

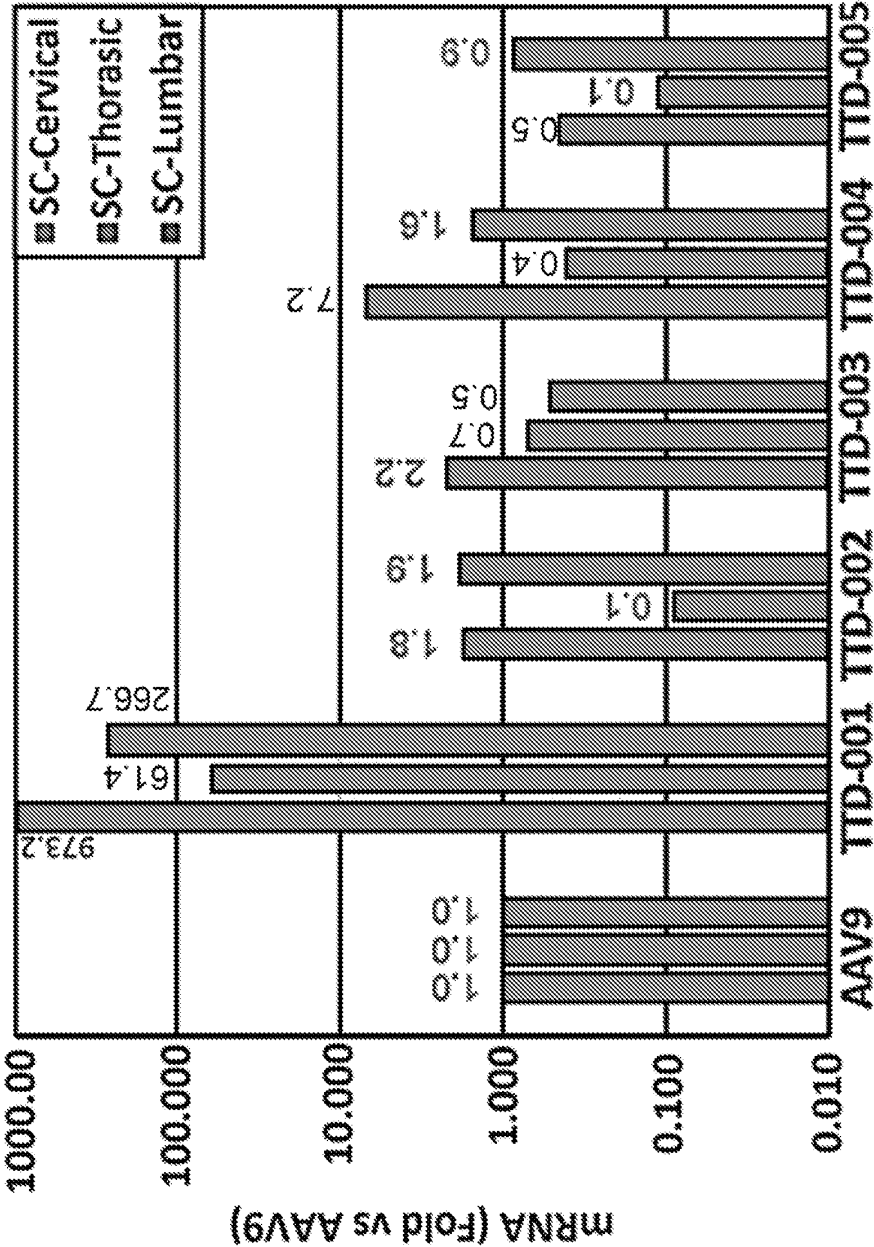


FIG. 17B

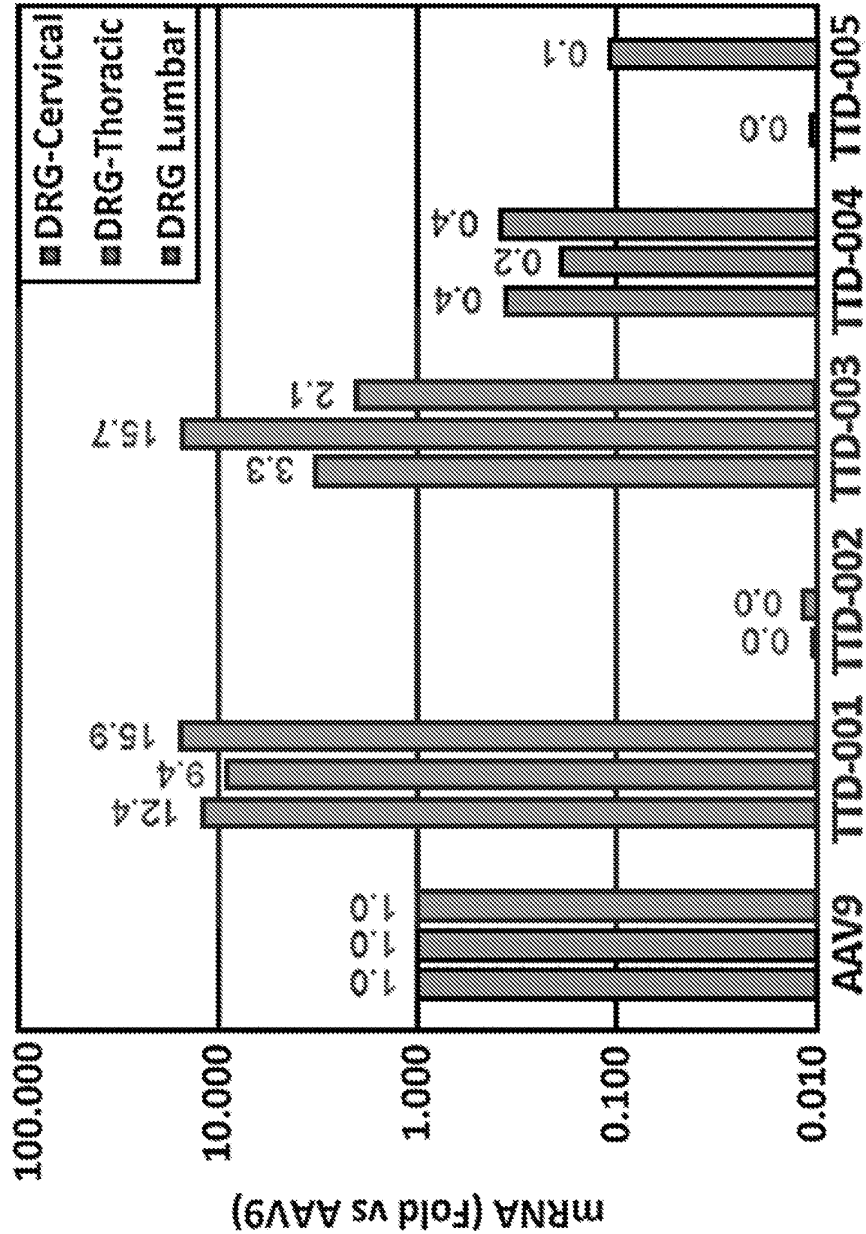


FIG. 18A

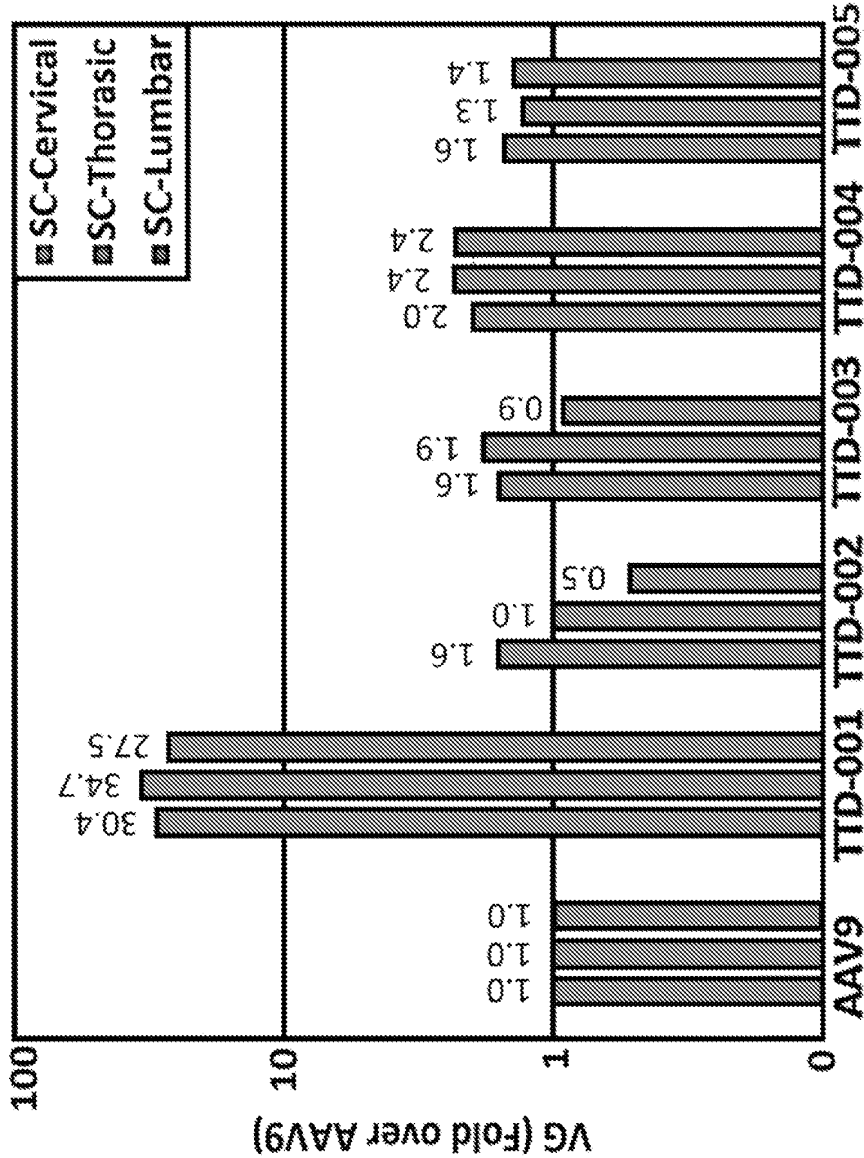


FIG. 18B

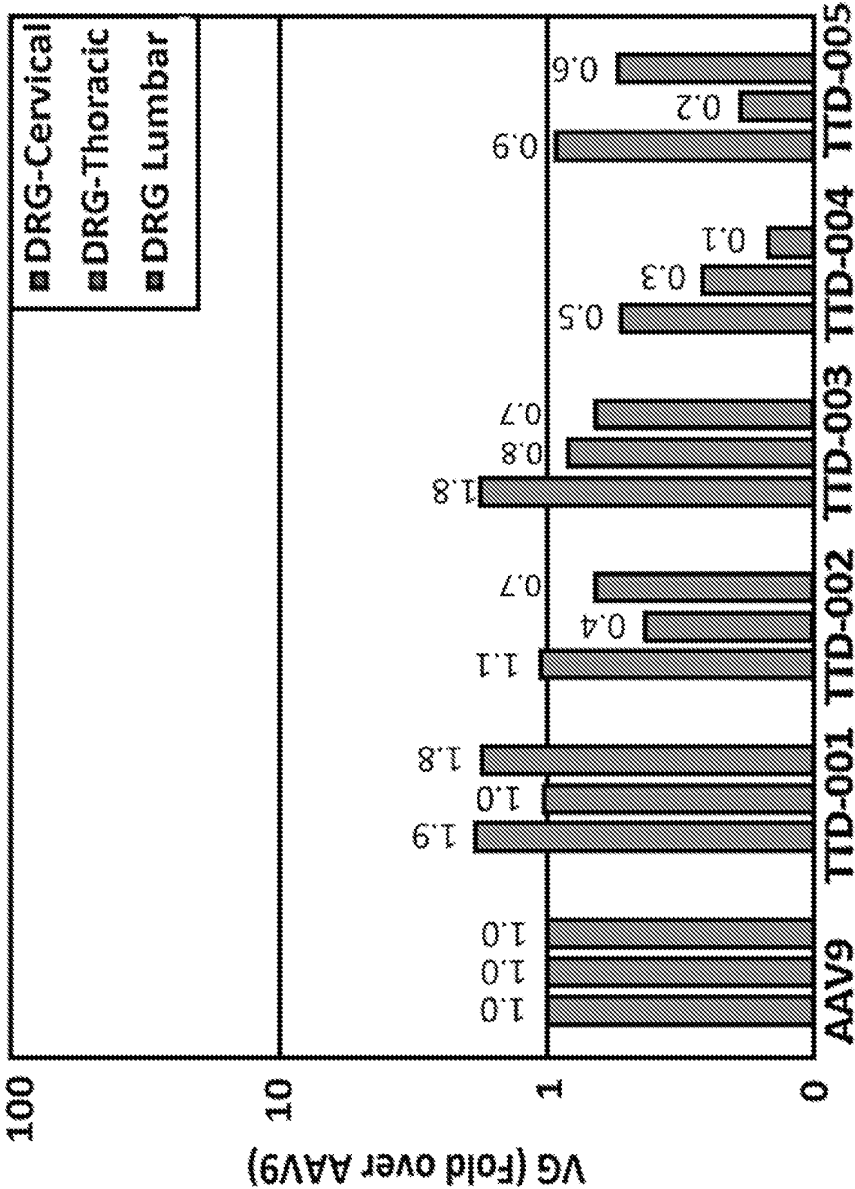


FIG. 19A

Dentate Nucleus

AAV9

TTD-001 – NHP#1

TTD-001 – NHP#2

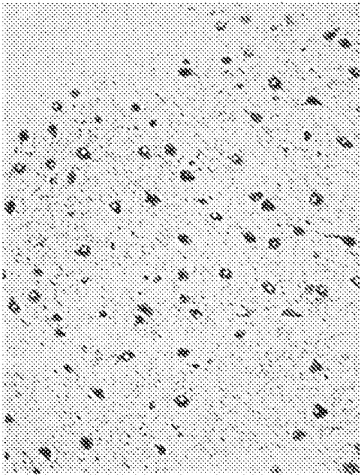
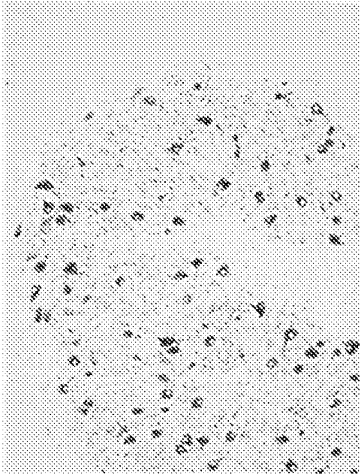
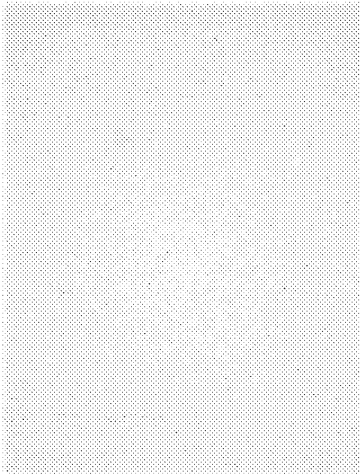


FIG. 19B

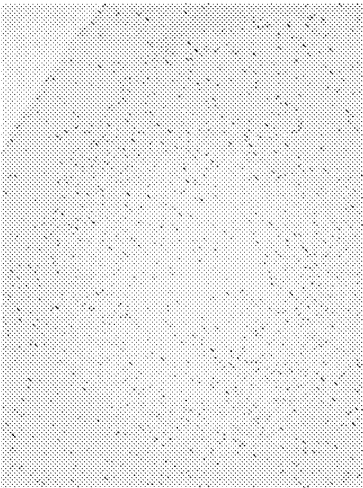
Cerebellar Cortex



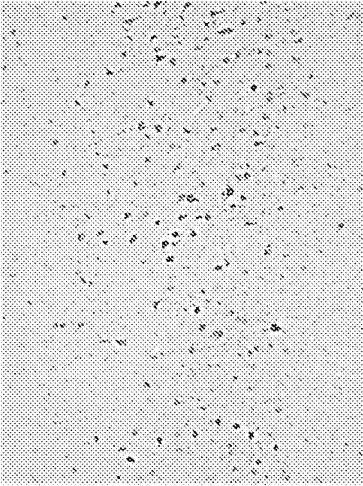
FIG. 19C

Cortex

AAV9



TTD-001 – NHP#1



TTD-001 – NHP#2

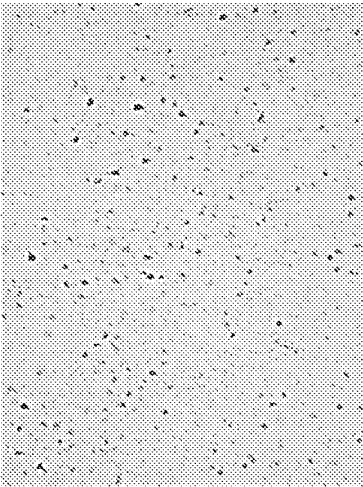


FIG. 19D

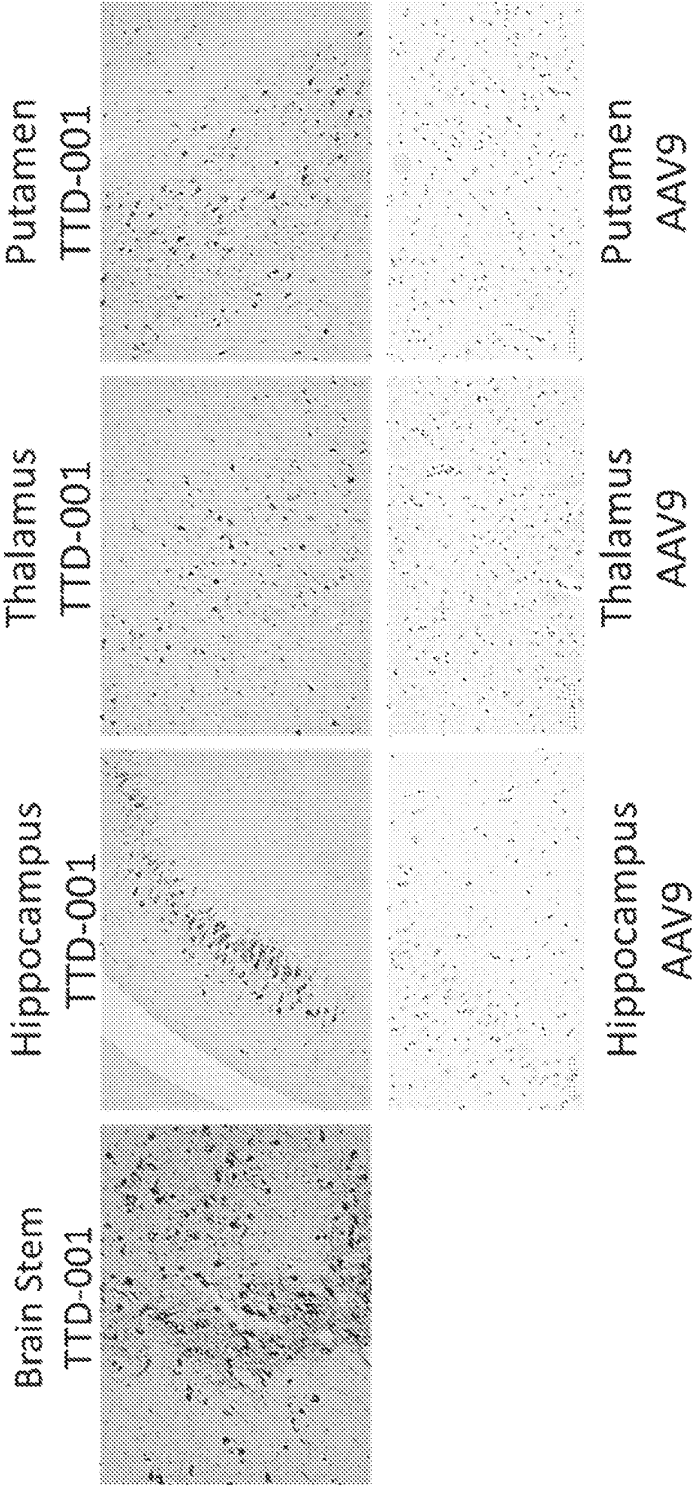


FIG. 19E

DRG

AAV9

TTD-001 – NHP#1

TTD-001 – NHP#2

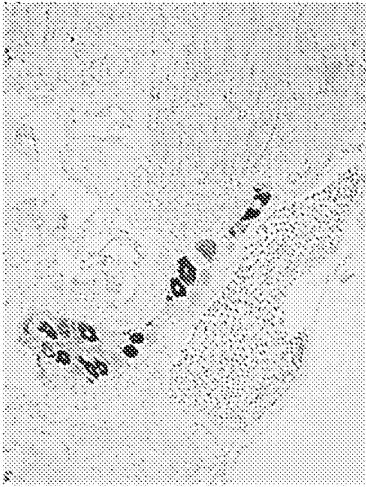
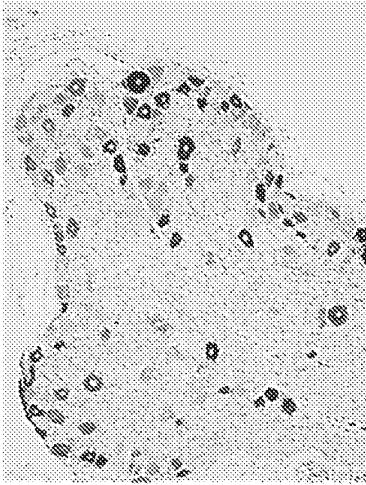
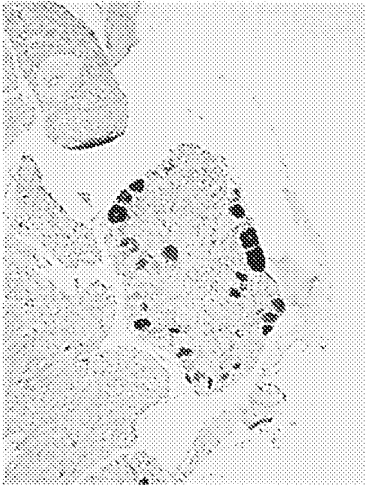
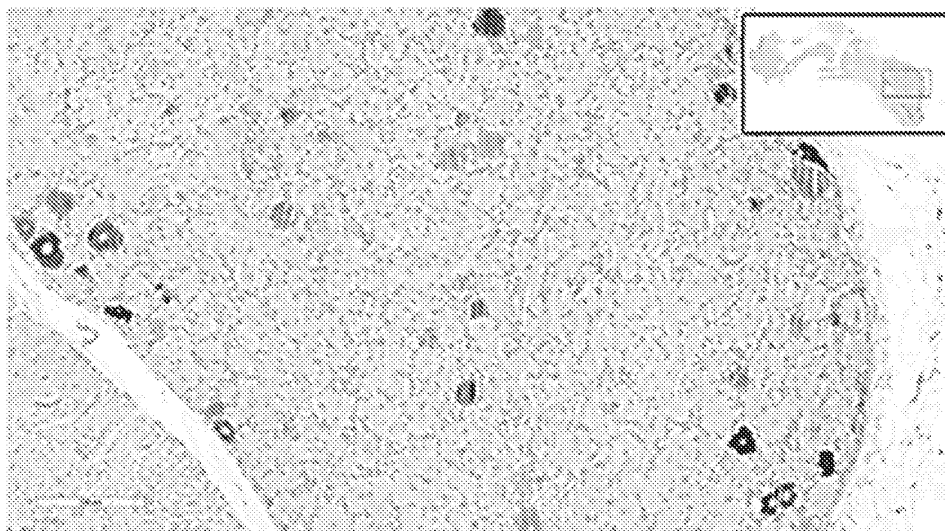


FIG. 20A

DRG

TTD-004 – 10x



TTD-004 – 20x

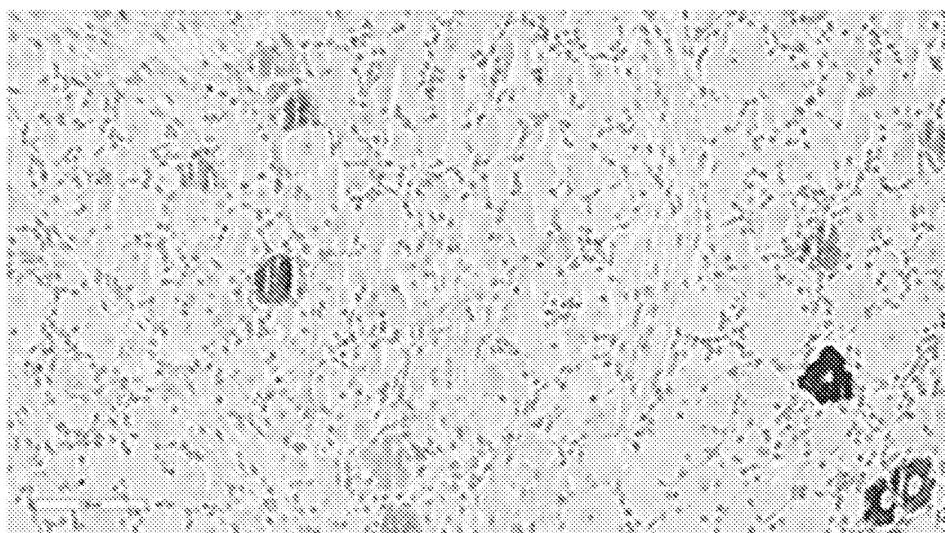
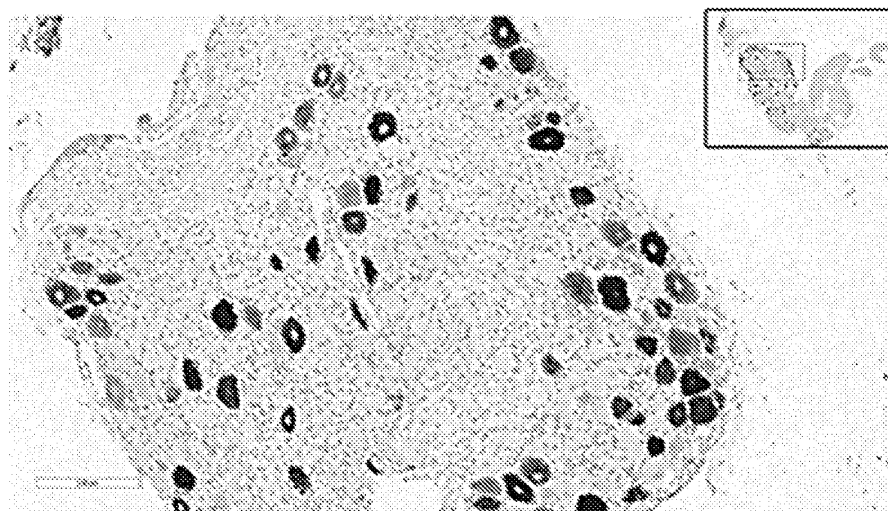


FIG. 20B

DRG

AAV9 – 10x



AAV9 – 20x

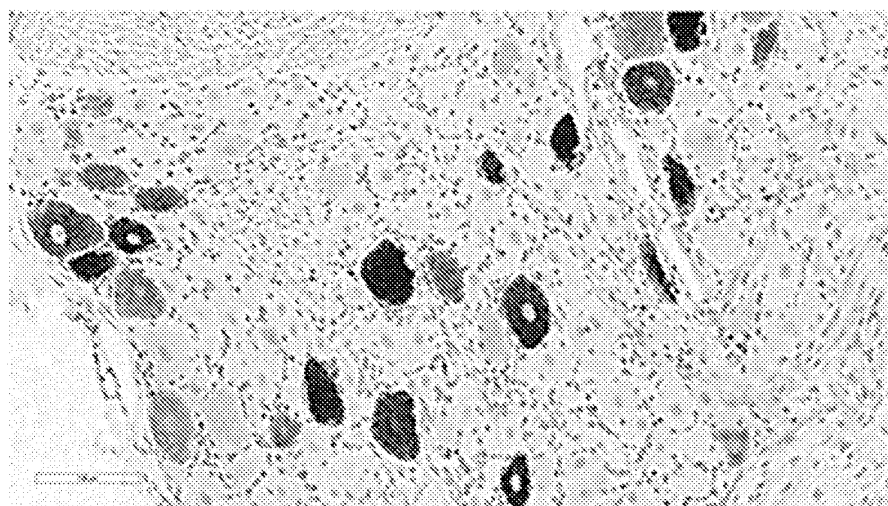


FIG. 21A

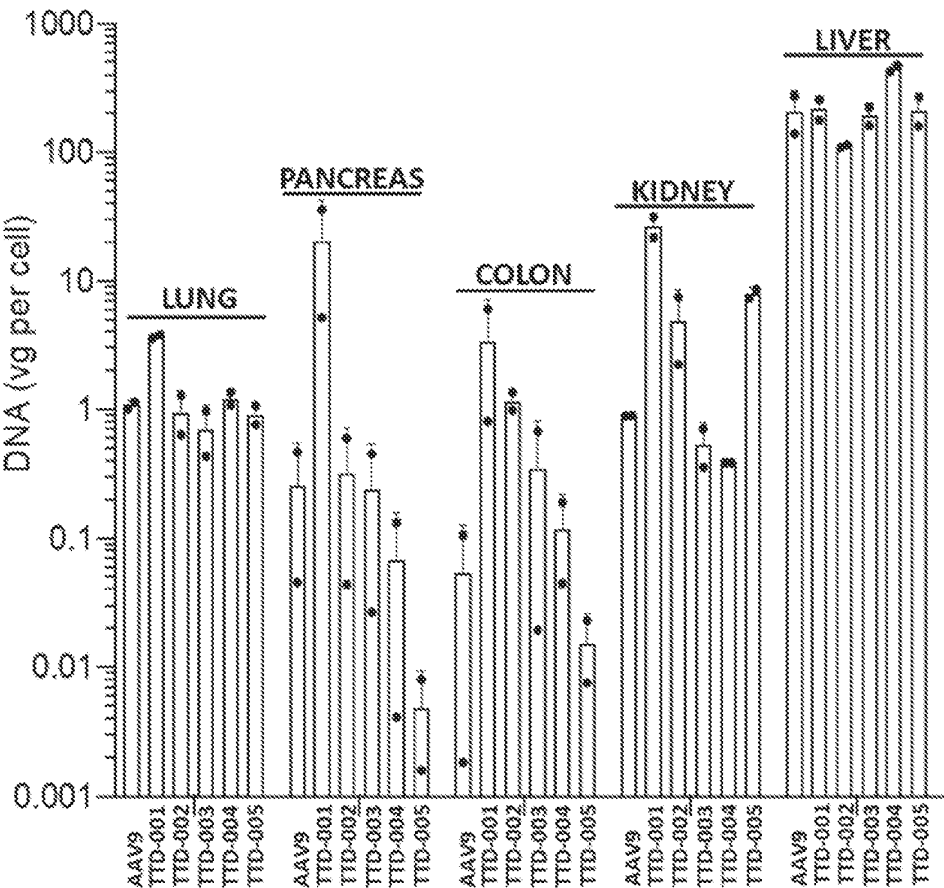


FIG. 21B

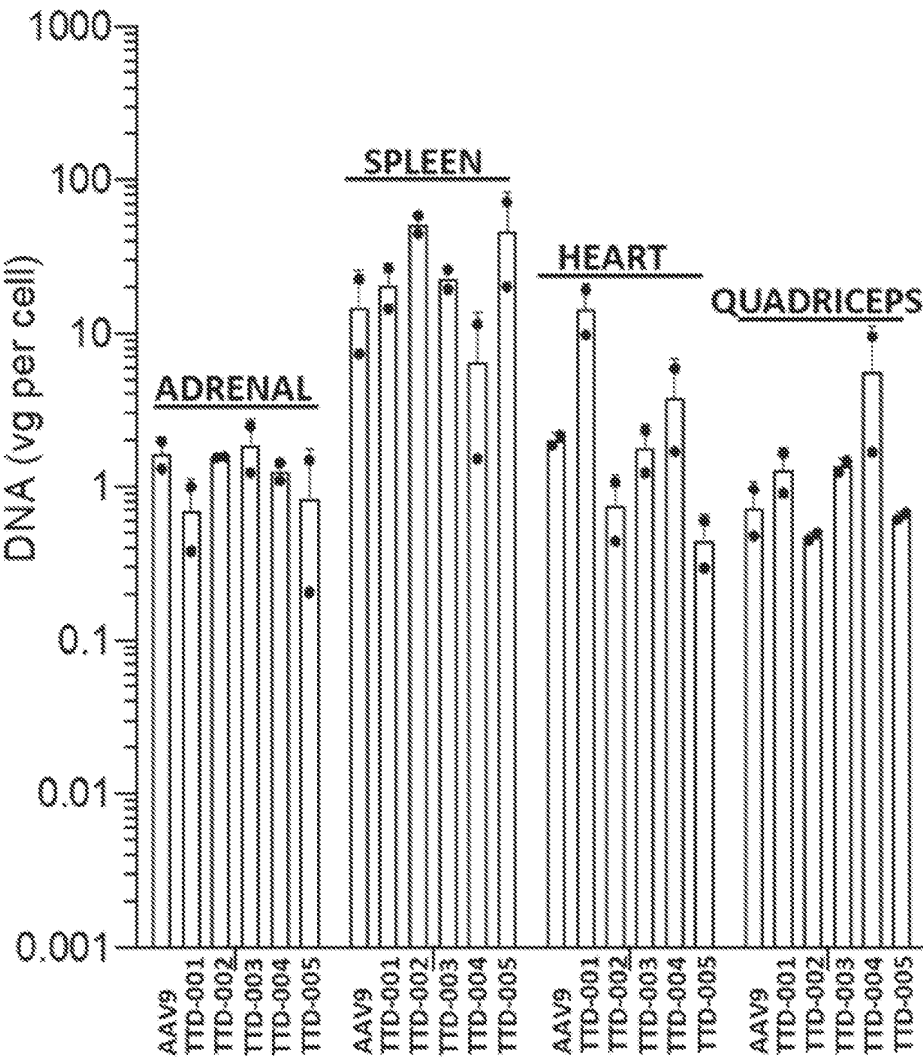
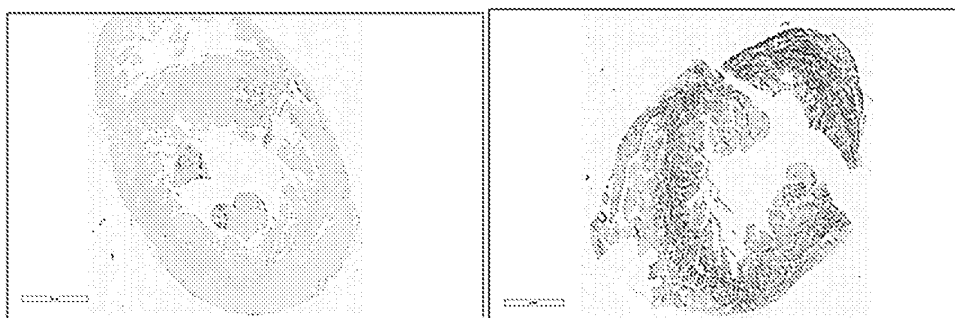


FIG. 22A

Heart

TTD-001

TTD-004



AAV9

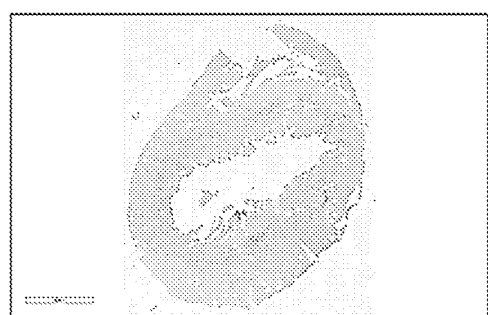
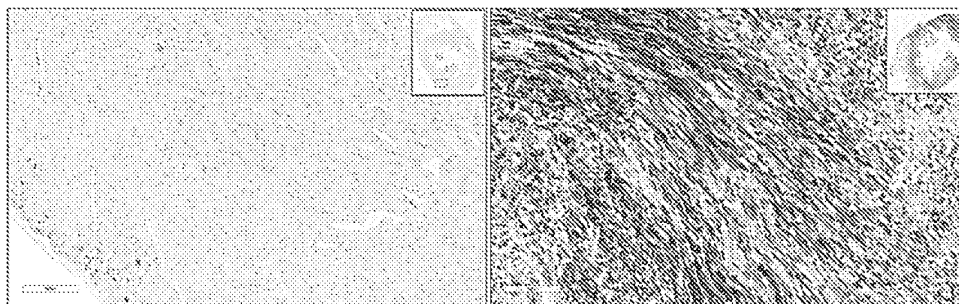


FIG. 22B

Heart: Left Ventricle

TTD-001

TTD-004



AAV9

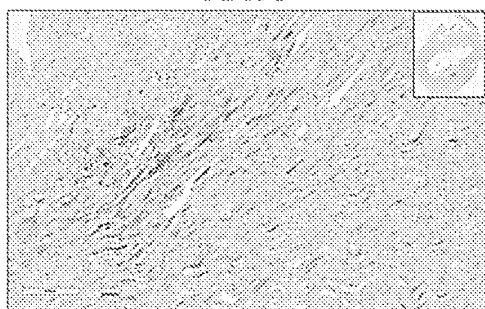


FIG. 22C

