

FIG 1A

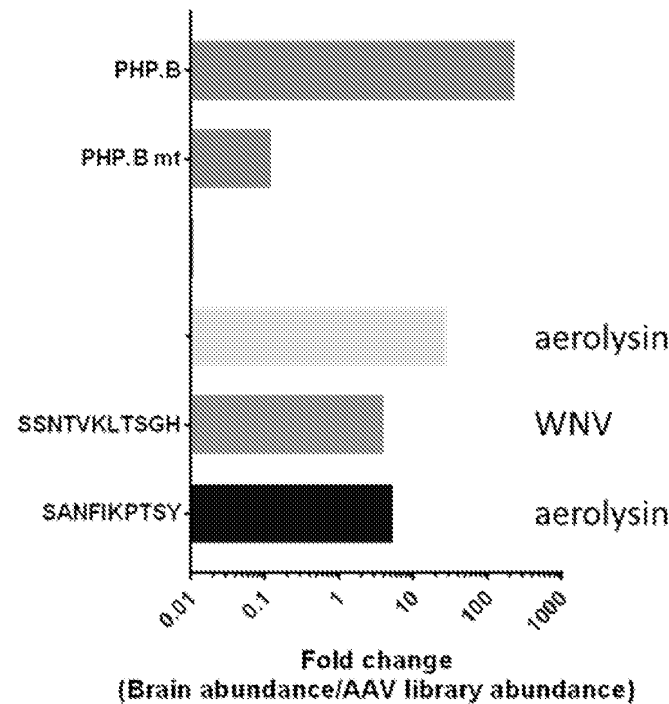


FIG 1B

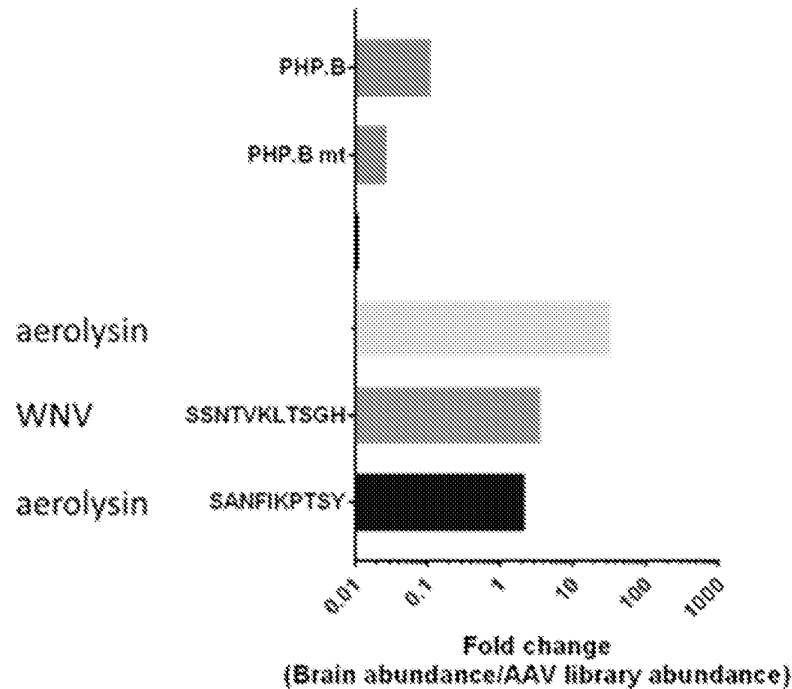


FIG 2A

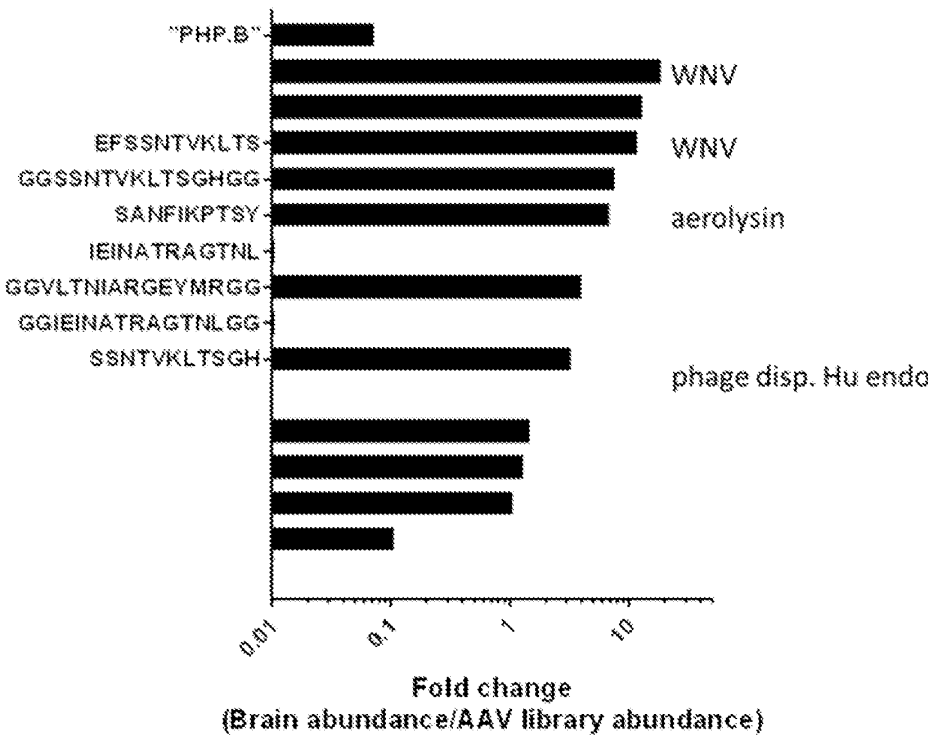


FIG 2B

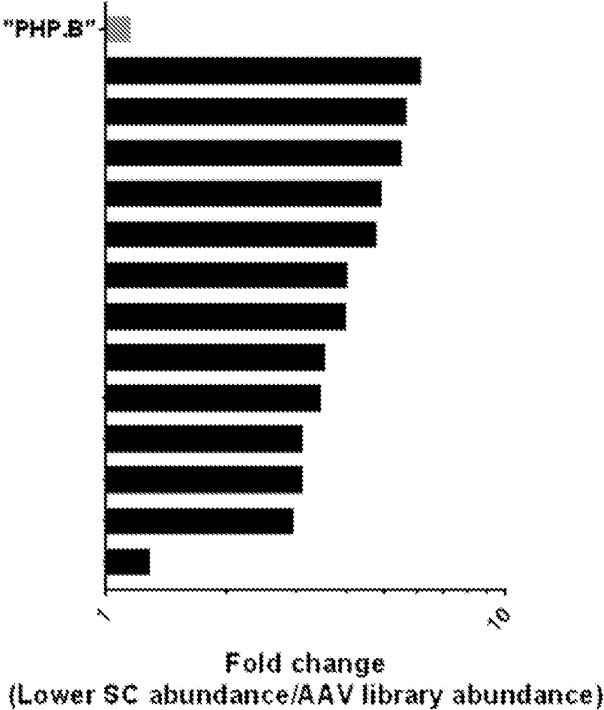


FIG 3A

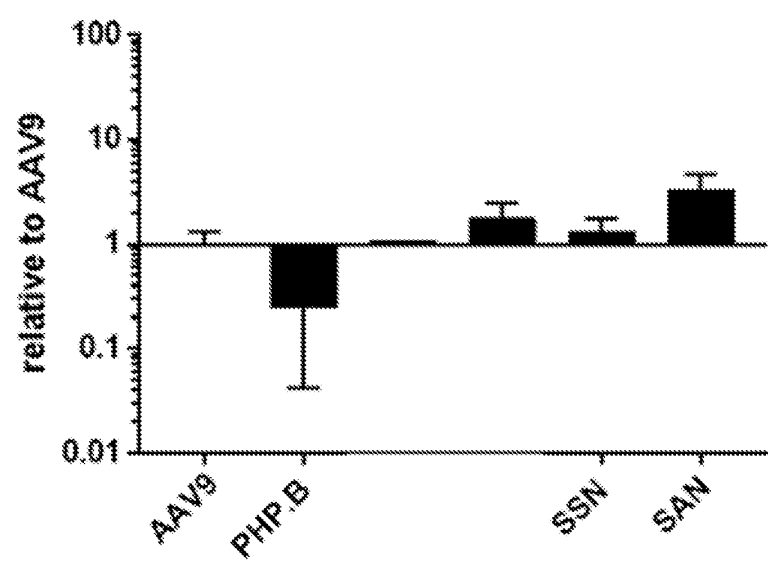


FIG 3B

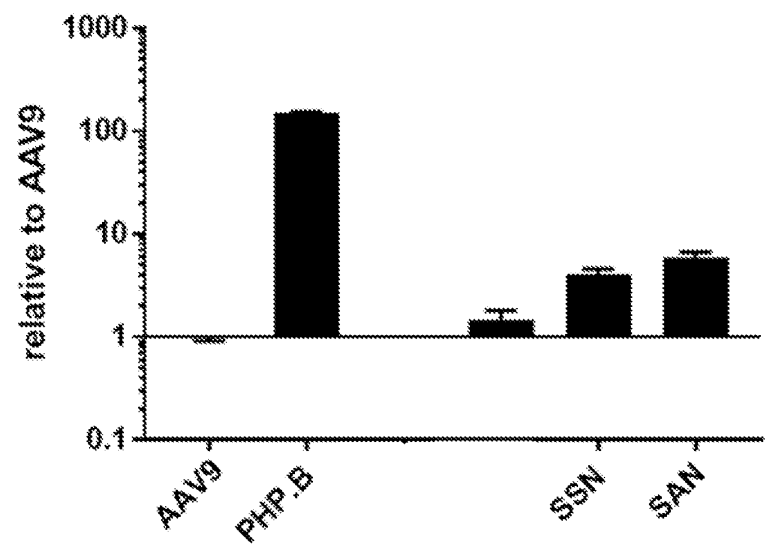


FIG 3C

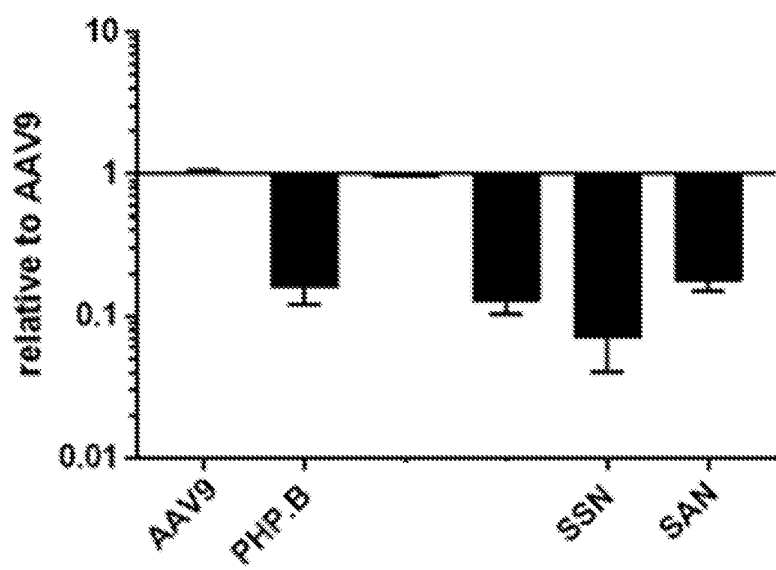


FIG 3D

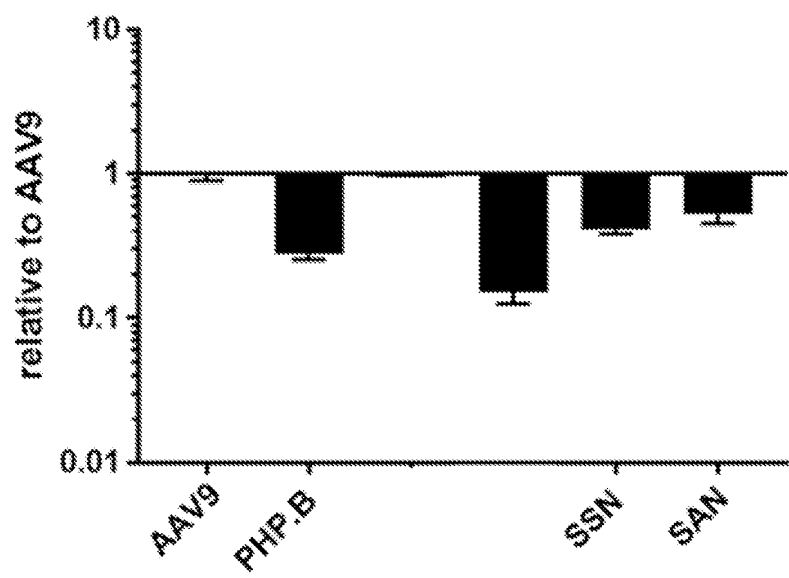
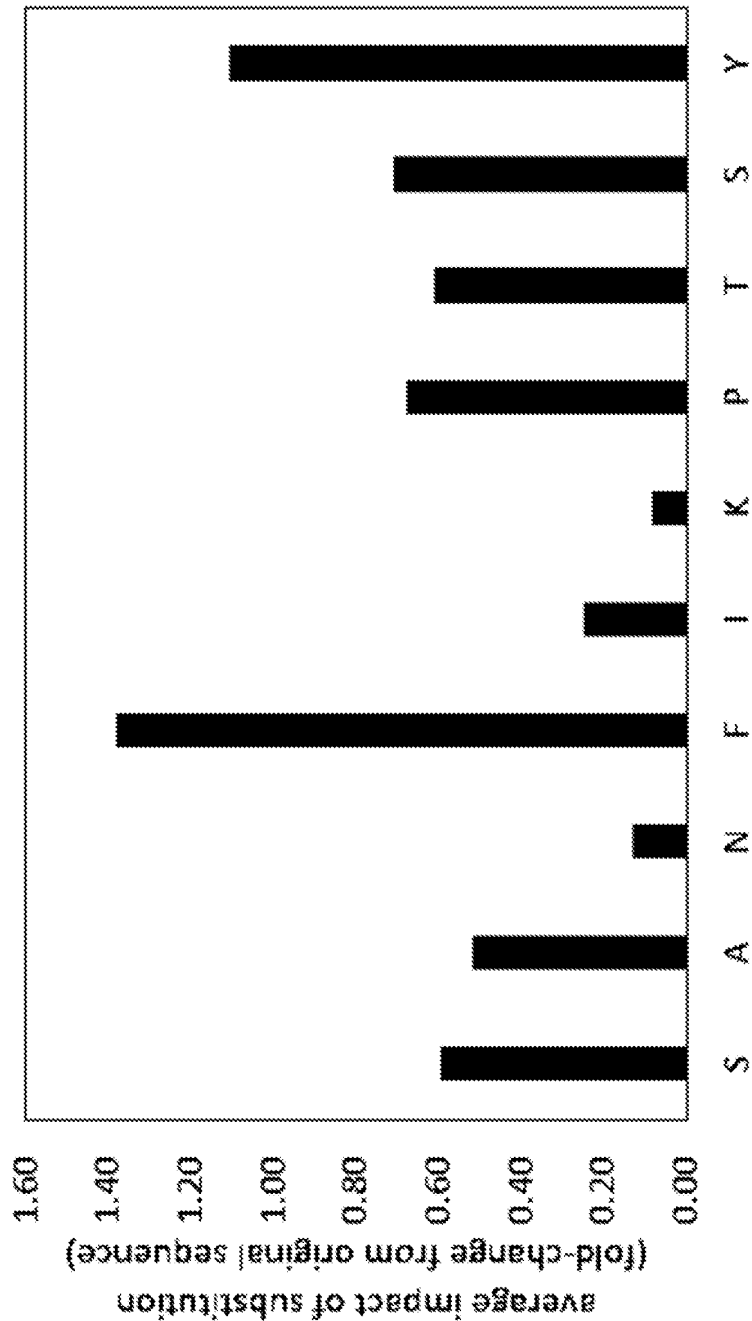


FIG 4

566	571	576	581	586	591	596	601	606	611	AAV9
IKTTNPVATESYGQVATNHQSAQAQQTGWVQNGQILPGMVWQDRDVYLQ										
566	571	576	581	586	591	596	601	606	611	AAV8
EEEIKTTNPVATEEYGIVADNLQQQTAPQIGTVNSQGALPGMVWQNRDV										
66	571	576	581	586	591	596	601	606	611	AAV7
IRPTNPVATEEYGIVSSNLQAA NT AQQTQVVNNQGALPGMVWQNRDVYLQ										
551	556	561	566	571	576	581	586	591	596	AAV6
ASNTALDNVMITDEEIKATNPVATERFGTVAVNLQSSSTDPATGDVHVM										
556	561	566	571	576	581	586	591	596	601	AAV5
QPVNRVAYNVGGQMATNNQSSTTAPATGTYNLQEIVPGSVWMERDVYLQG										
6	561	566	571	576	581	586	591	596	601	AAV4
FTSEELAATNATDITDMWGNLPGGDQSNLPTVDRLTALGAVPGMVWQNR										
566	571	576	581	586	591	596	601	606	611	AAV3B
EEIRTTNPVATEEQYGTVANNLQSSNTAPTTRTYNDQGALPGMVWQDRDVY										
566	571	576	581	586	591	596	601	606	611	AAV2
RTTNPVATEEQYGSVSTNLQRGNRQAATADVNTQGVLPGMVWQDRDVYLQ										
566	571	576	581	586	591	596	601	606	611	AAV1
IKATNPVATERFGTVAVNFQSSSTDPATGDVHAMGALPGMVWQDRDVYLQ										

FIG 5



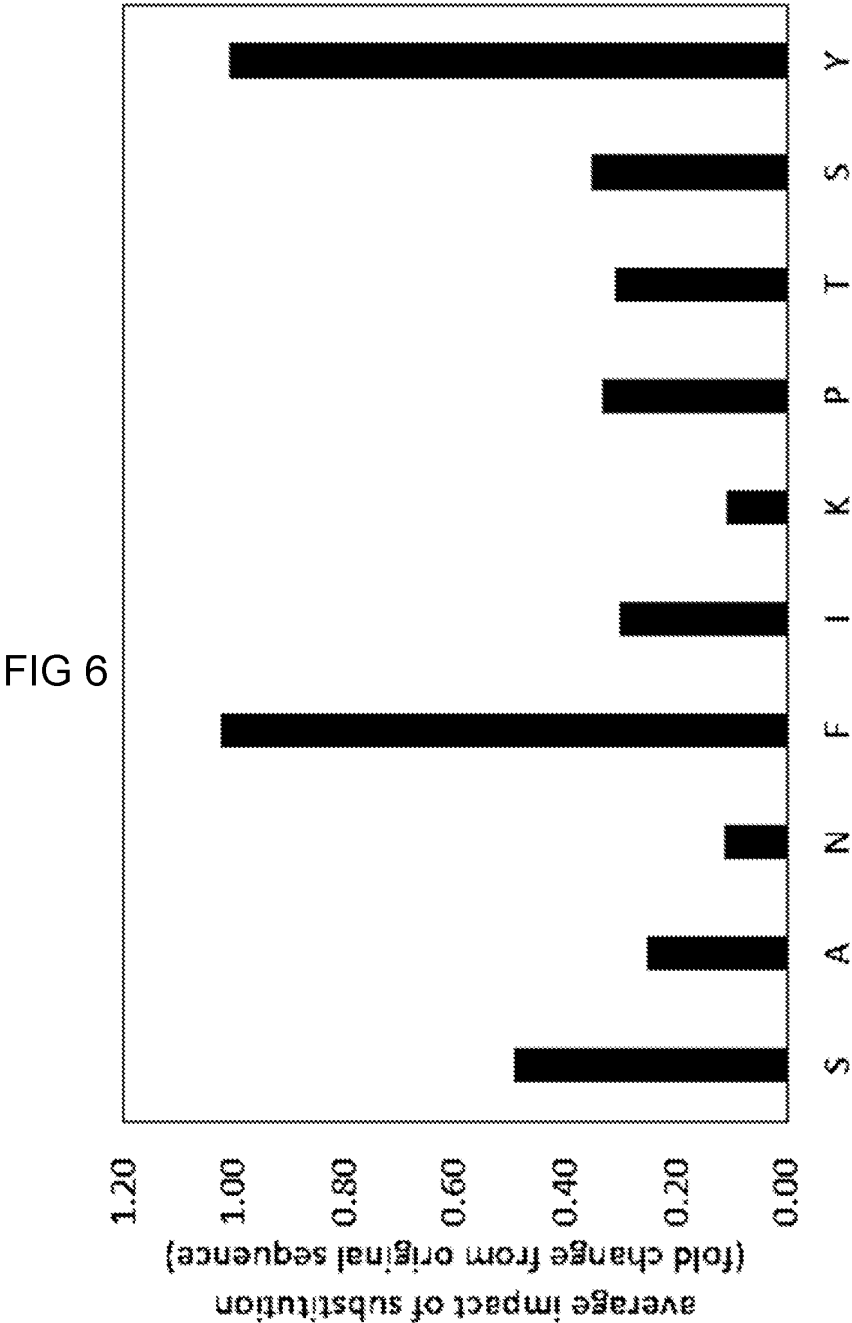


FIG 7A

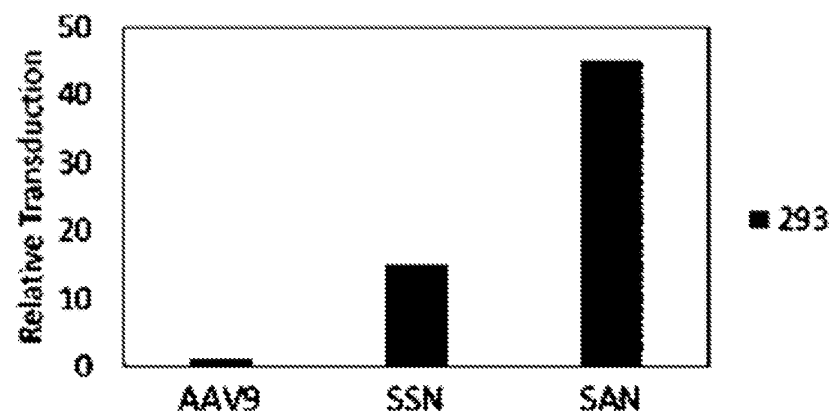


FIG 7B

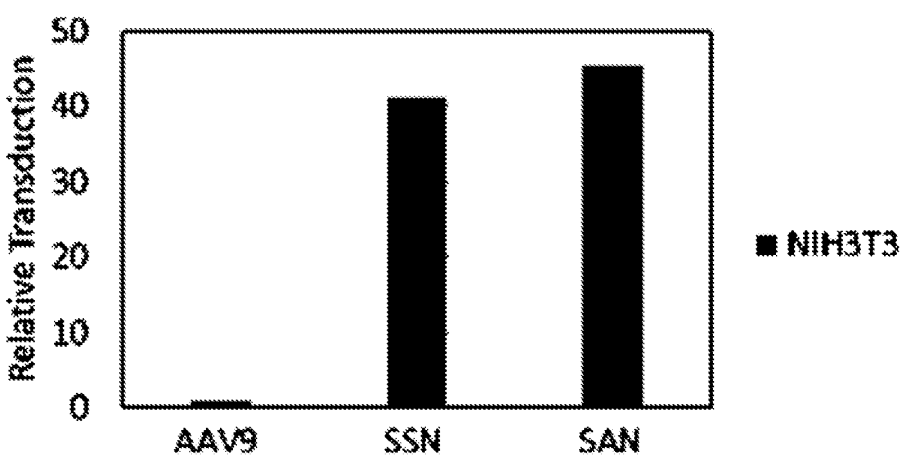


FIG 7C

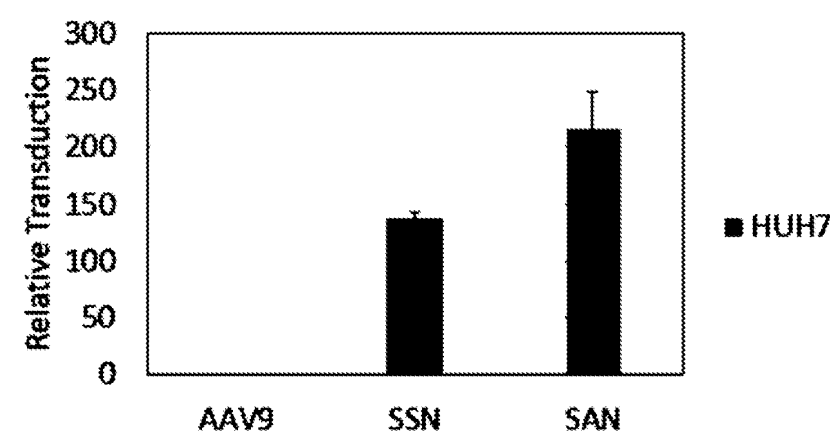


FIG 7D

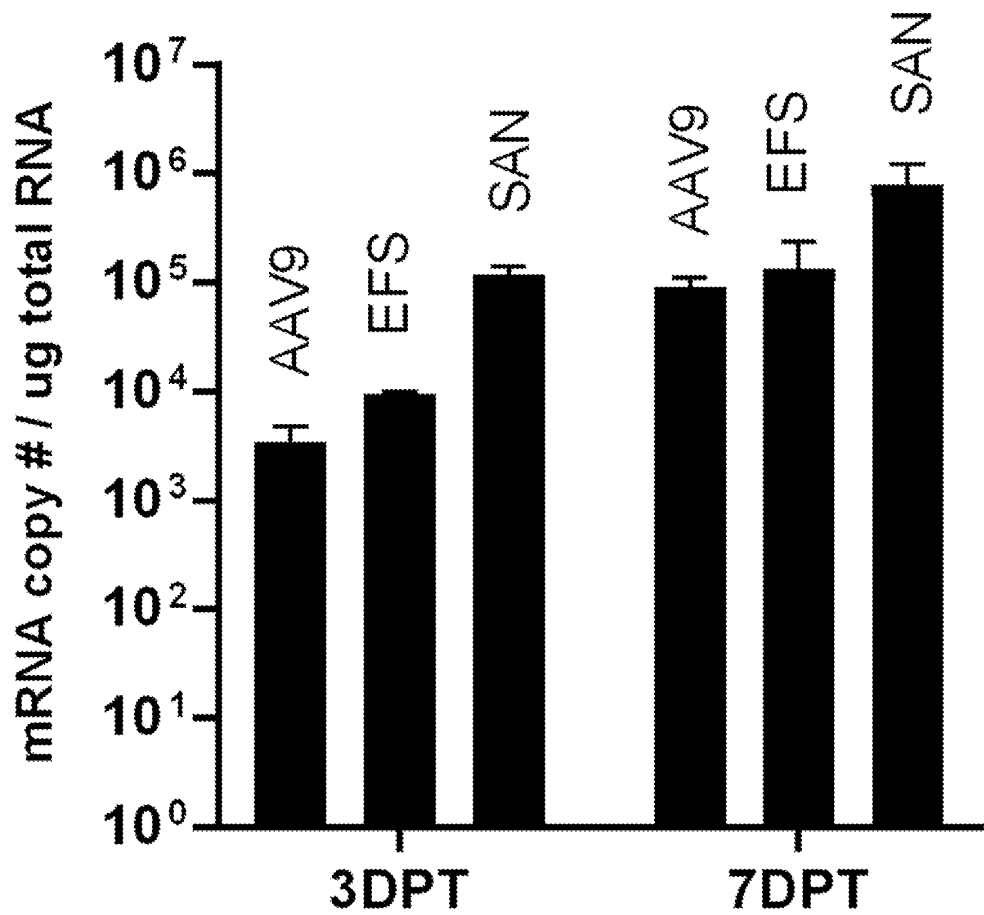


FIG 7E

No vector

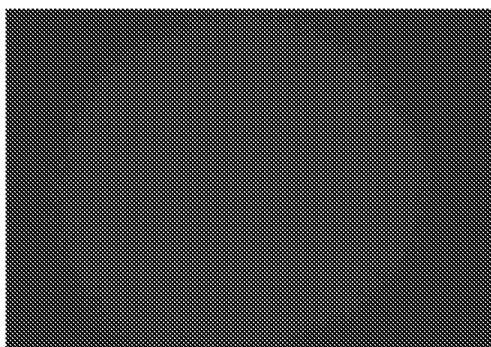


FIG 7F

AAV9

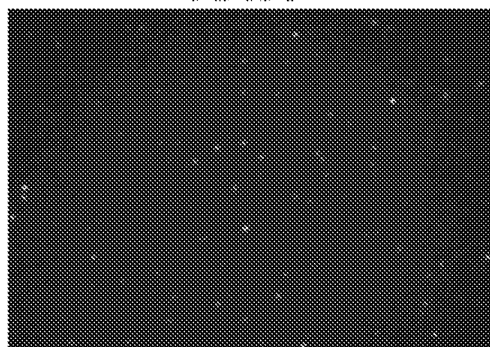
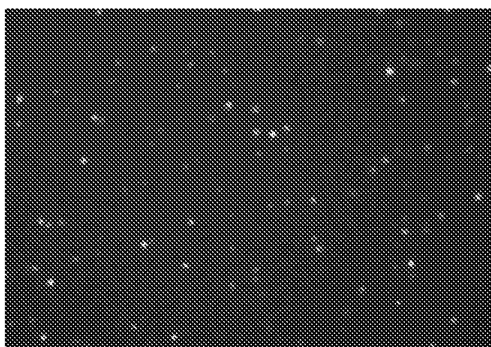
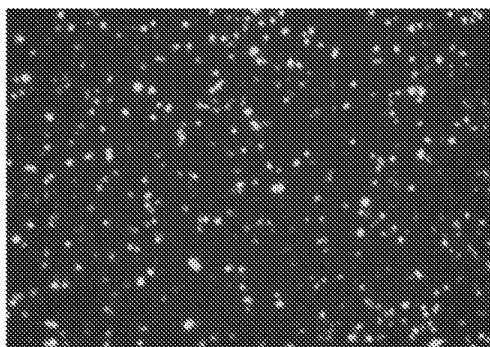


FIG 7G



EFS

FIG 7H



SAN

FIG 8

