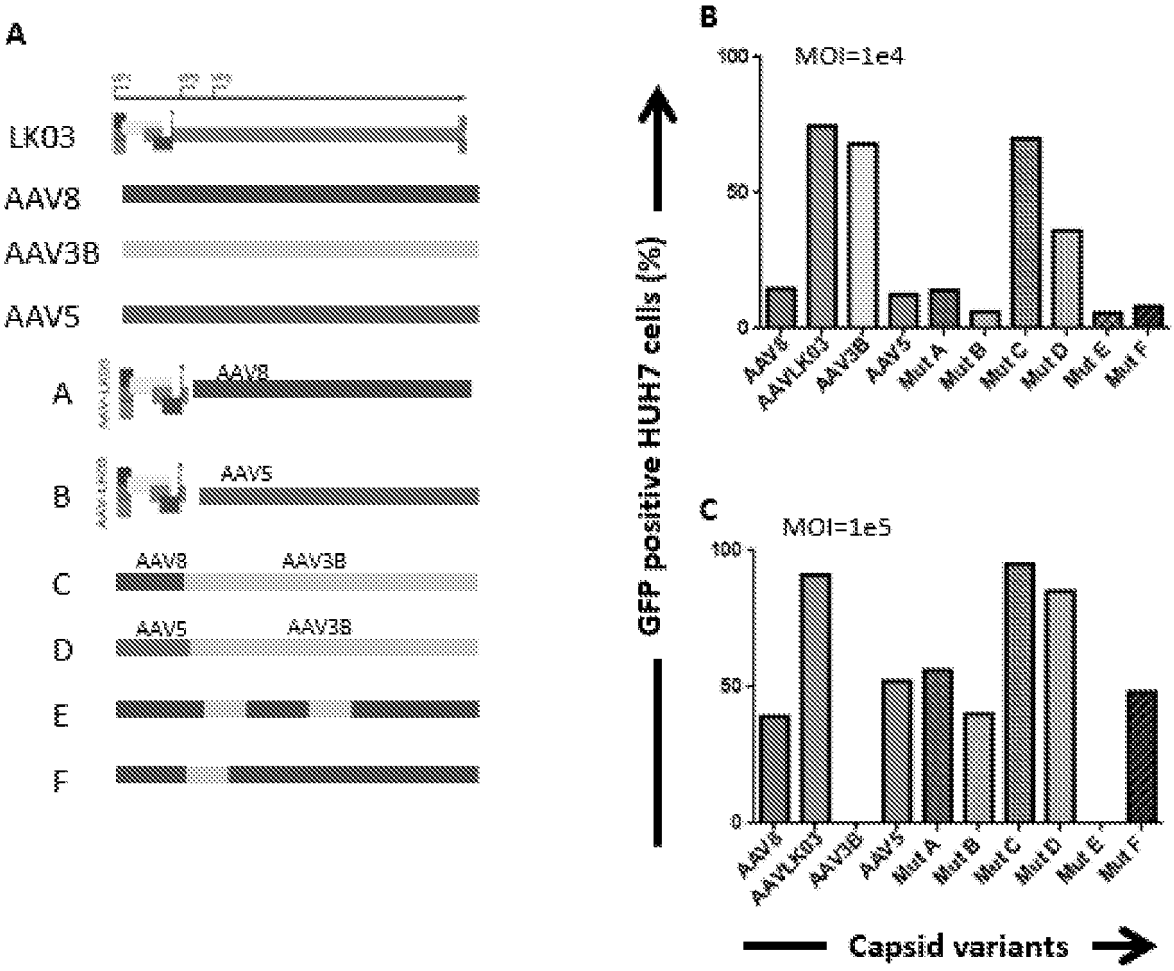
Figure 1


A
LK03
AAV8
AAV3B
AAV5
A
AAV8
B
AAV5
C
AAV8
AAV3B
D
AAV5
AAV3B
E
F
B
MOI=1e4
100
50
0
GFP positive HUH7 cells (%)
AAV8
AAVLK03
AAV3B
AAV5
Mut A
Mut B
Mut C
Mut D
Mut E
Mut F
C
MOI=1e5
100
50
0
AAV8
AAVLK03
AAV3B
AAV5
Mut A
Mut B
Mut C
Mut D
Mut E
Mut F
Capsid variants

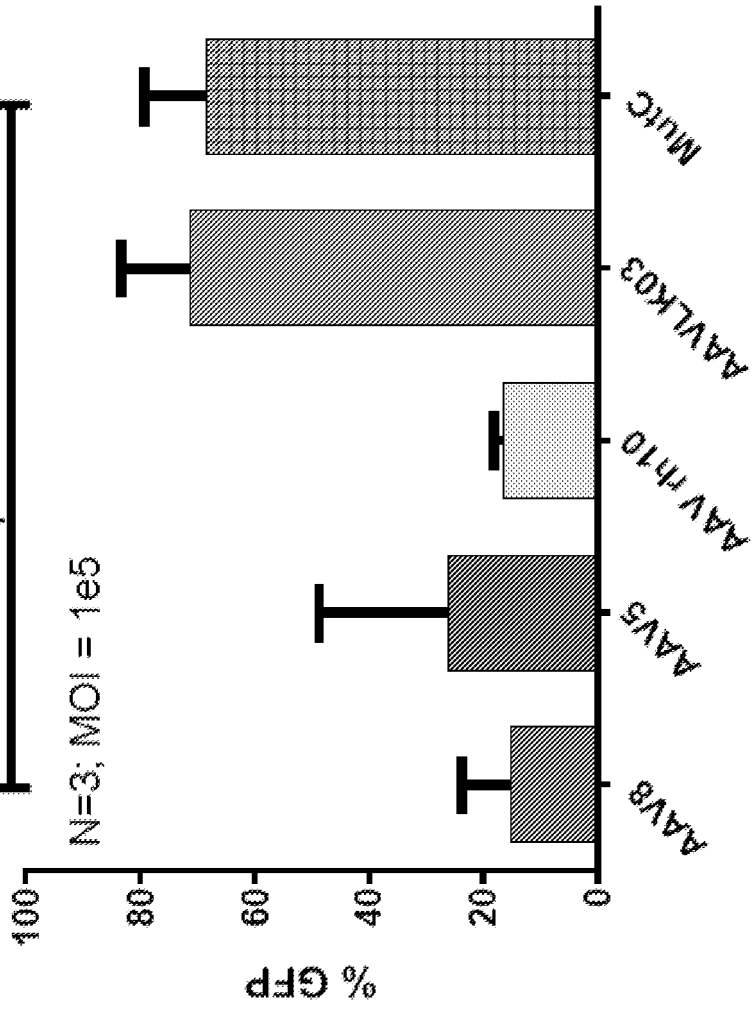

% GFP
100
80
60
40
20
0
N=3; MOI = 1e5
p=0.0012
AAV8
AAV5
AAV rh10
AAVLK03
MuHC

Figure 2A

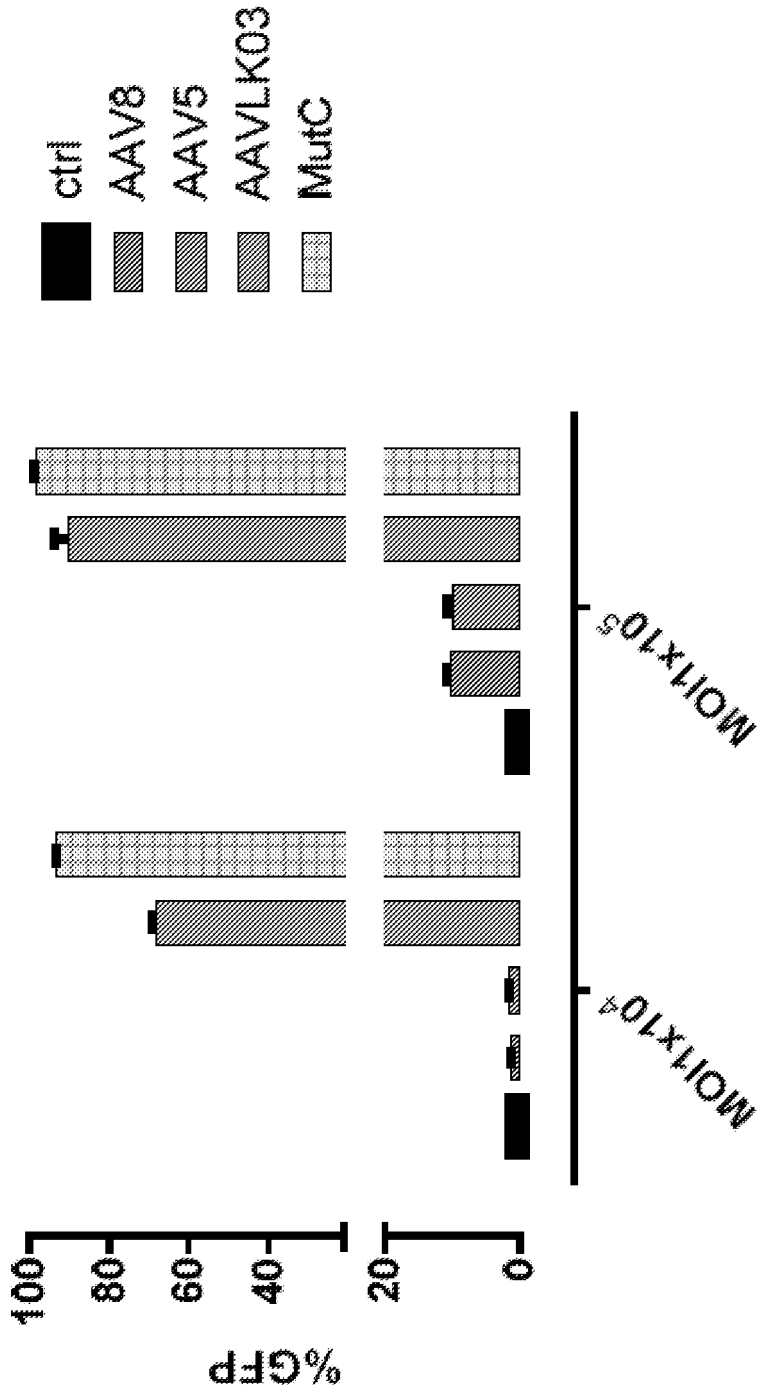

ctrl
AAV8
AAV5
AAVLK03
MutC
MOI1x10^5
MOI1x10^4
%GFP
100
80
60
40
20
0

Figure 2B

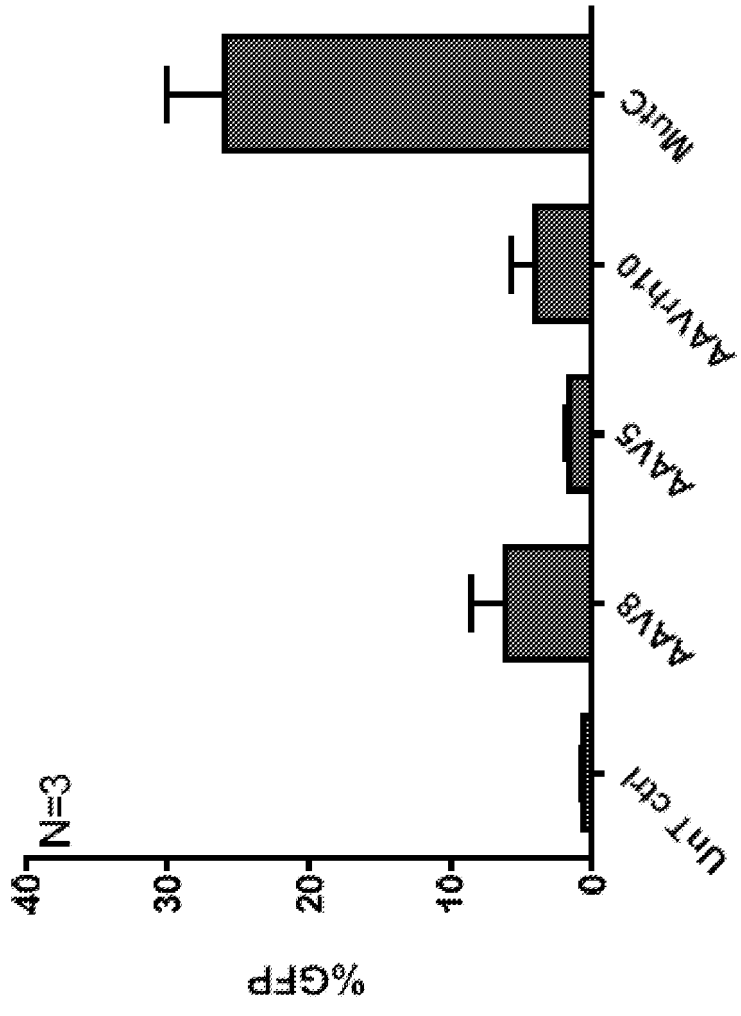


Figure 3A

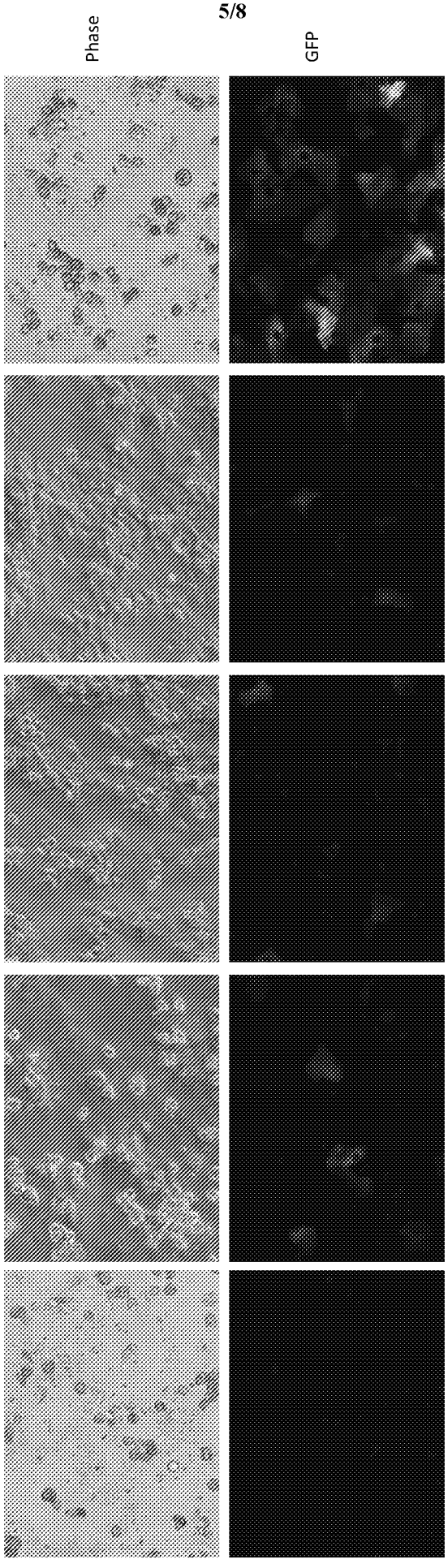


Figure 3B

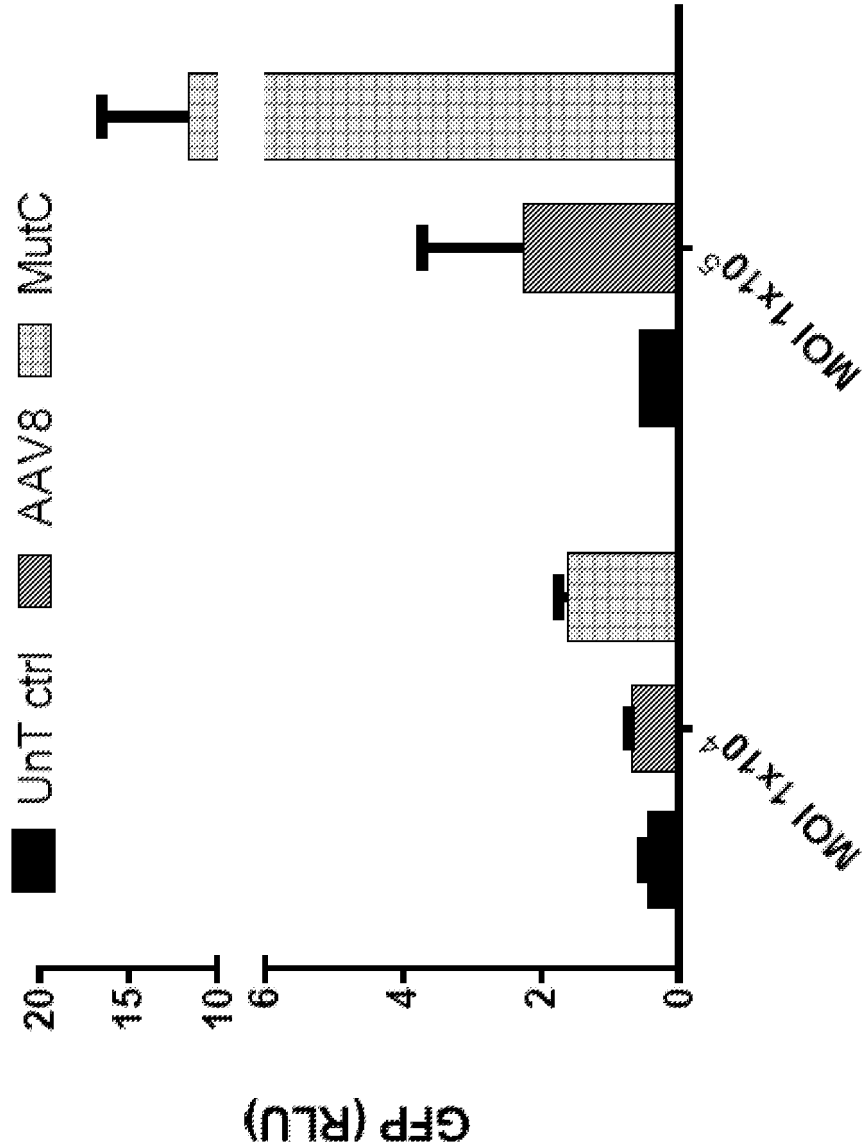


Figure 4A

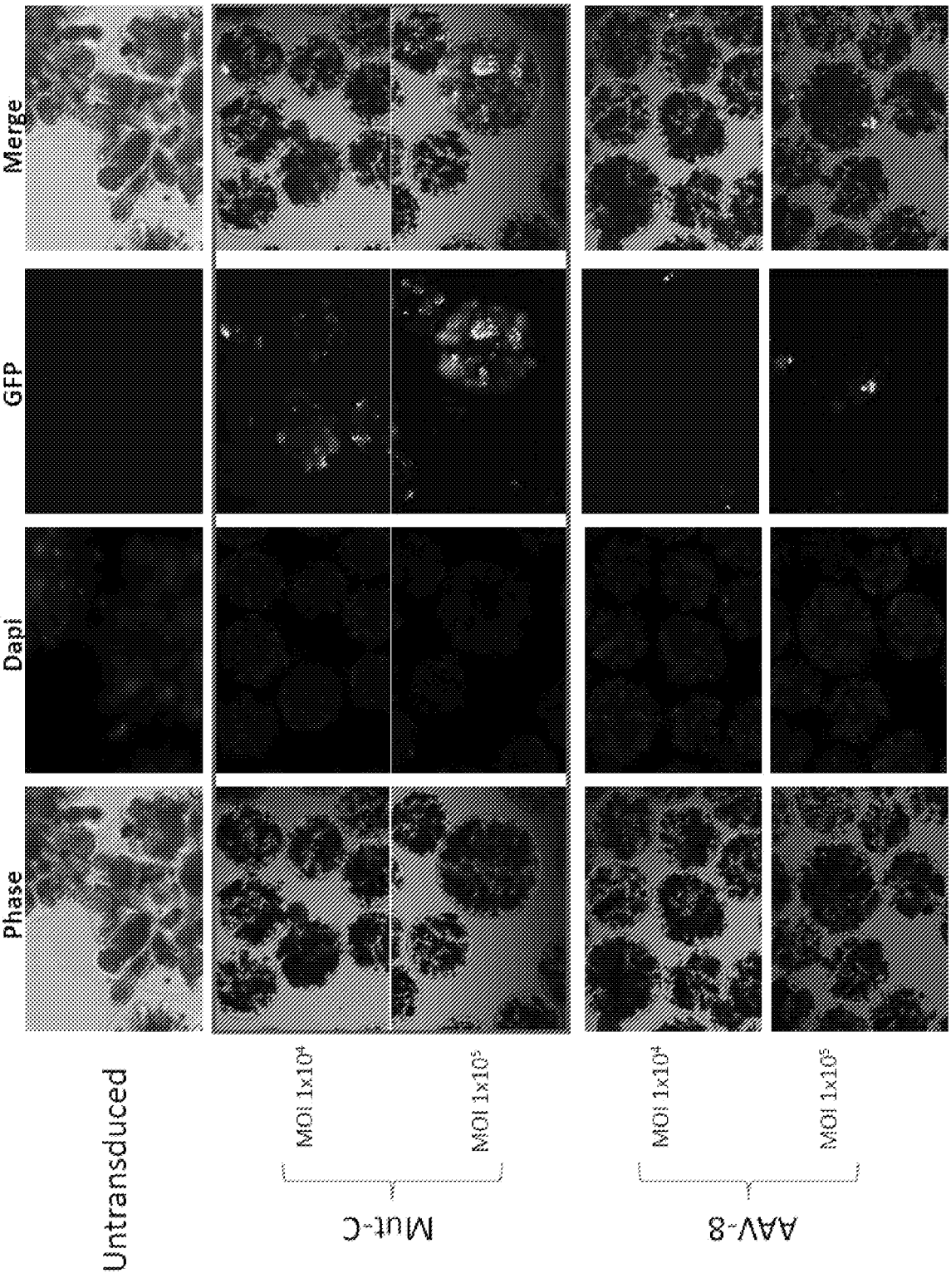

Phase
Dapi
GFP
Merge
Untransduced
Mut-C
MOI 1x10⁴
MOI 1x10⁵
AAV-8
MOI 1x10⁴
MOI 1x10⁵

Figure 4B

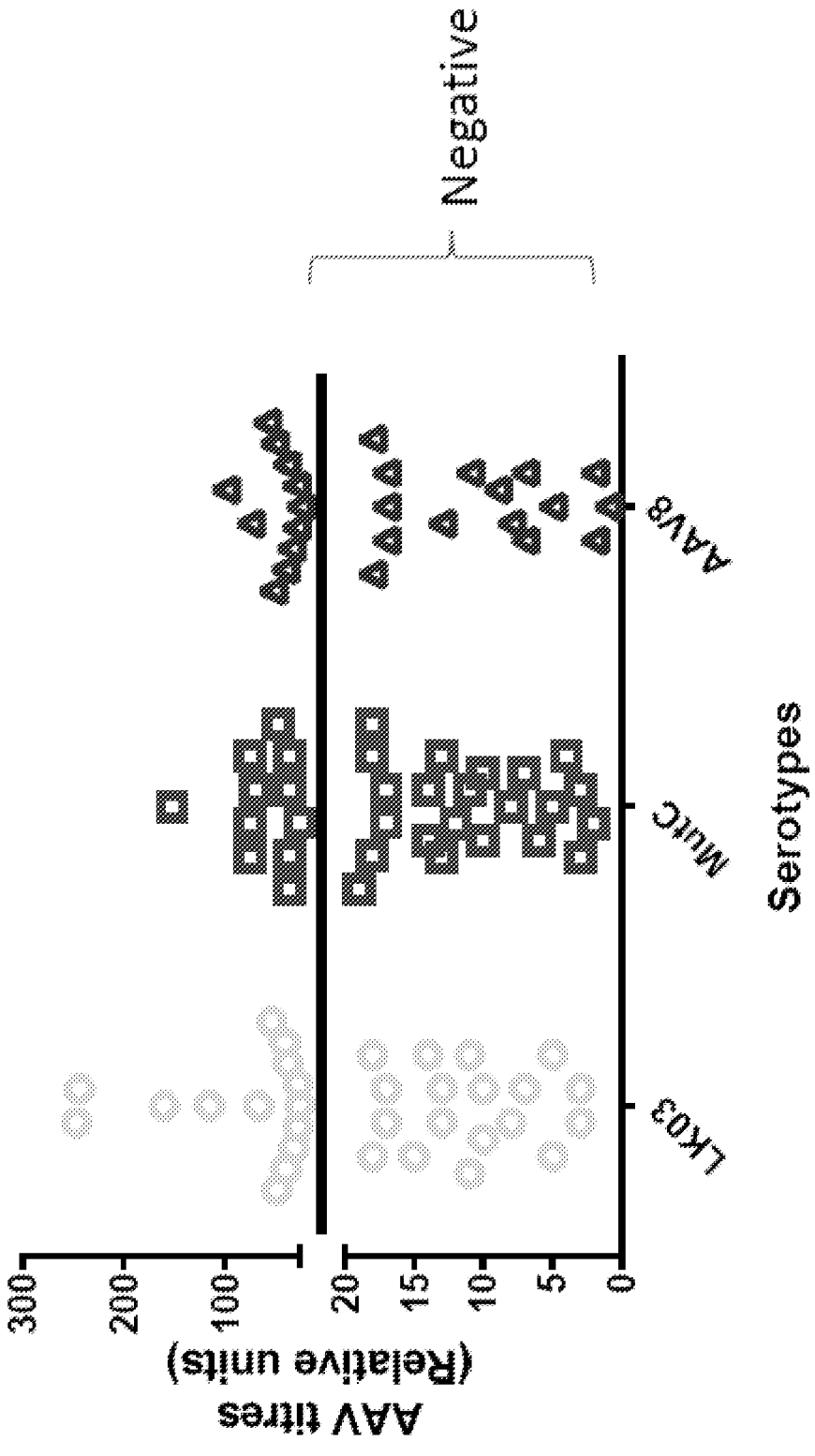

Negative
AAV titres
(Relative units)
300
200
100
20
15
10
5
0
LK03
MuIC
AAV8
Serotypes

Figure 5