FIG. 1

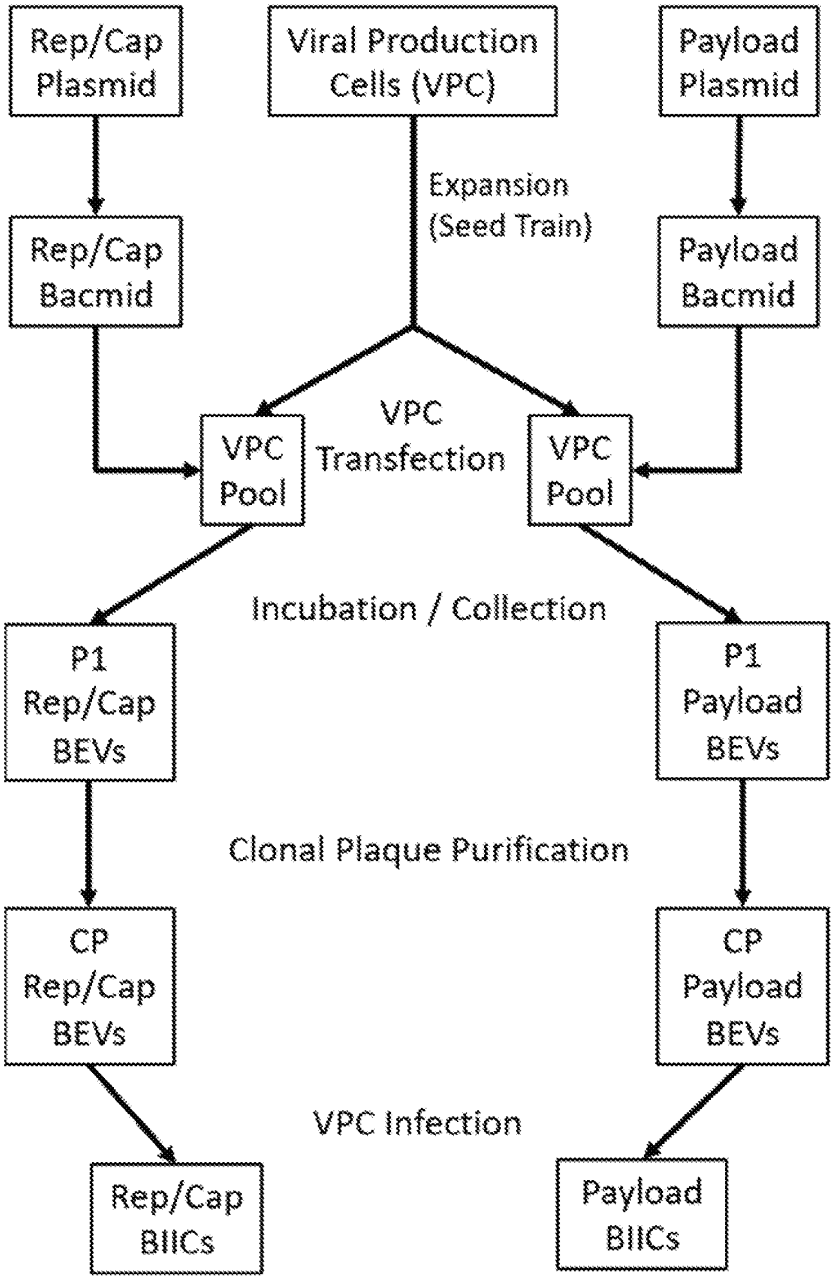

Rep/Cap Plasmid
Viral Production Cells (VPC)
Payload Plasmid
Expansion (Seed Train)
Rep/Cap Bacmid
Payload Bacmid
VPC Pool
VPC Transfection
VPC Pool
Incubation / Collection
P1 Rep/Cap BEVs
P1 Payload BEVs
Clonal Plaque Purification
CP Rep/Cap BEVs
CP Payload BEVs
VPC Infection
Rep/Cap BIICs
Payload BIICs

FIG. 2

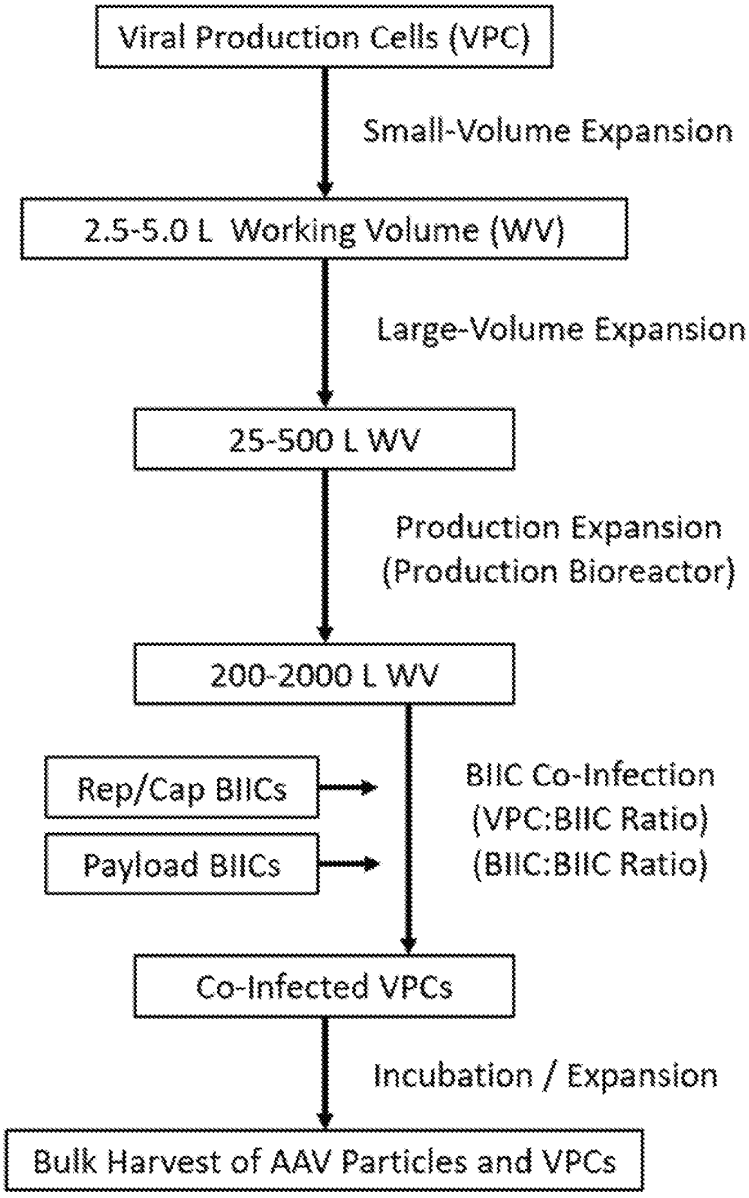

Viral Production Cells (VPC)
Small-Volume Expansion
2.5-5.0 L Working Volume (WV)
Large-Volume Expansion
25-500 L WV
Production Expansion
(Production Bioreactor)
200-2000 L WV
Rep/Cap BIICs
Payload BIICs
BIIC Co-Infection
(VPC:BIIC Ratio)
(BIIC:BIIC Ratio)
Co-Infected VPCs
Incubation / Expansion
Bulk Harvest of AAV Particles and VPCs

FIG. 3

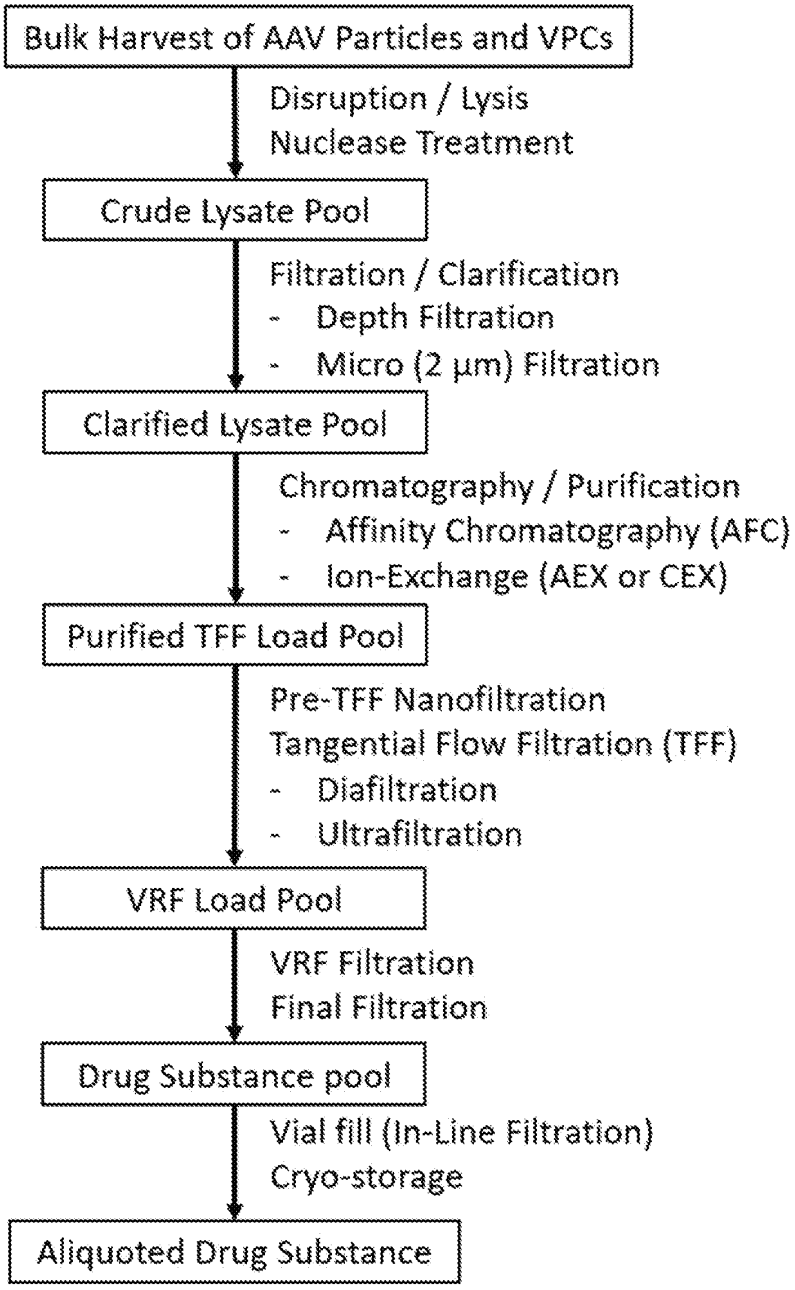

Bulk Harvest of AAV Particles and VPCs
Disruption / Lysis
Nuclease Treatment
Crude Lysate Pool
Filtration / Clarification
- Depth Filtration
- Micro (2 µm) Filtration
Clarified Lysate Pool
Chromatography / Purification
- Affinity Chromatography (AFC)
- Ion-Exchange (AEX or CEX)
Purified TFF Load Pool
Pre-TFF Nanofiltration
Tangential Flow Filtration (TFF)
- Diafiltration
- Ultrafiltration
VRF Load Pool
VRF Filtration
Final Filtration
Drug Substance pool
Vial fill (In-Line Filtration)
Cryo-storage
Aliquoted Drug Substance

FIG. 4A

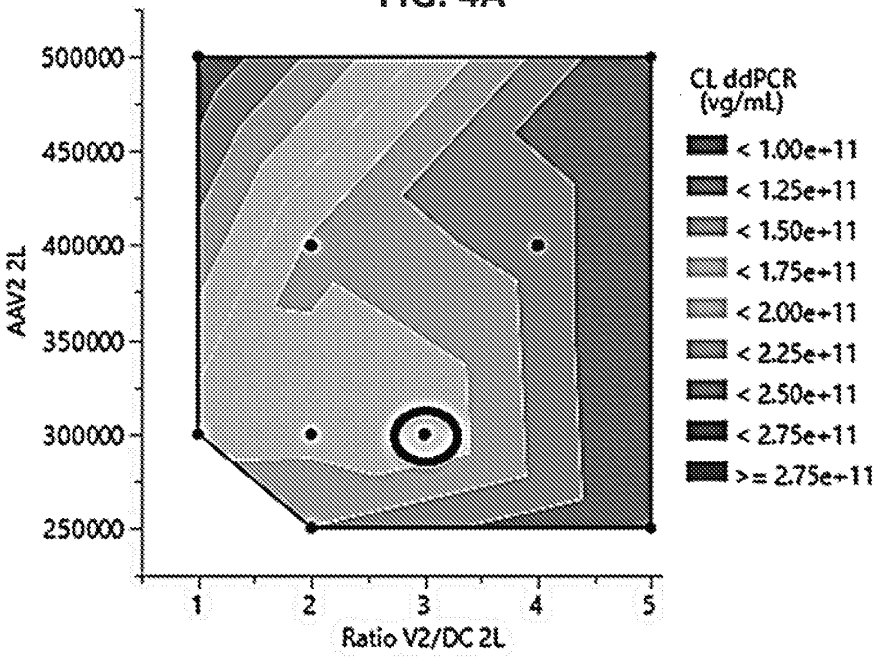

500000
450000
400000
350000
300000
250000
AAV2 2L
1
2
3
4
5
Ratio V2/DC 2L
CL ddPCR (vg/mL)
< 1.00e+11
< 1.25e+11
< 1.50e+11
< 1.75e+11
< 2.00e+11
< 2.25e+11
< 2.50e+11
< 2.75e+11
>= 2.75e+11

FIG. 4B

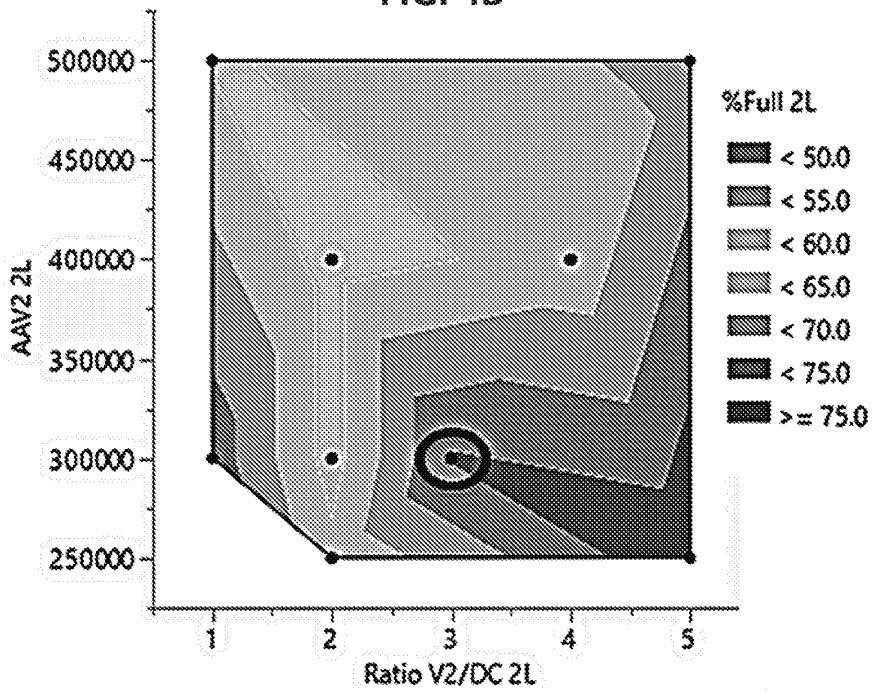

500000
450000
400000
350000
300000
250000
AAV2 2L
1
2
3
4
5
Ratio V2/DC 2L
%Full 2L
< 50.0
< 55.0
< 60.0
< 65.0
< 70.0
< 75.0
>= 75.0

FIG. 5A

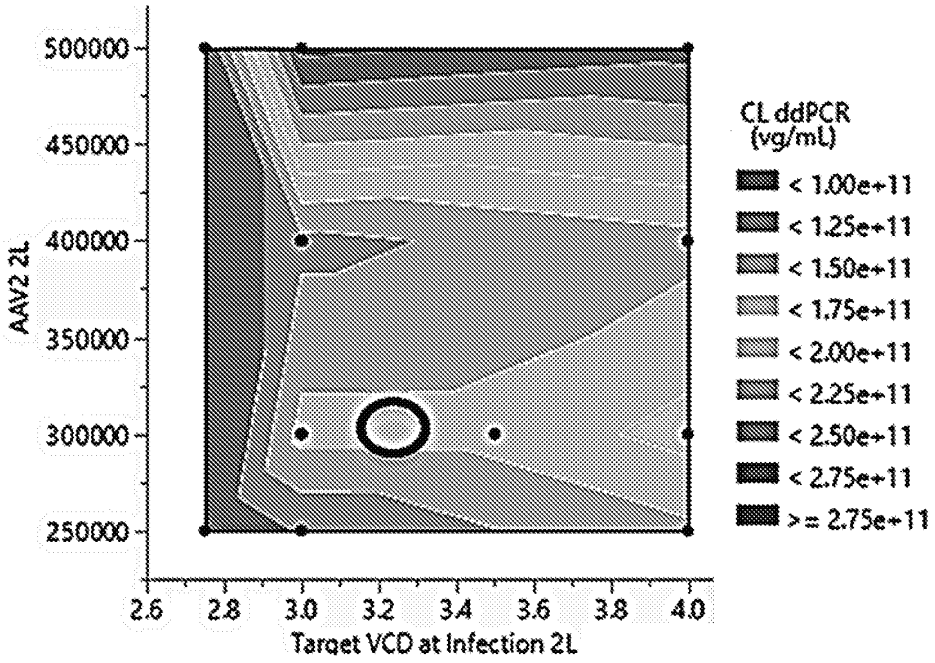

500000
450000
400000
350000
300000
250000
AAV2 2L
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
Target VCD at Infection 2L
CL ddPCR (vg/mL)
< 1.00e+11
< 1.25e+11
< 1.50e+11
< 1.75e+11
< 2.00e+11
< 2.25e+11
< 2.50e+11
< 2.75e+11
>= 2.75e+11

FIG. 5B

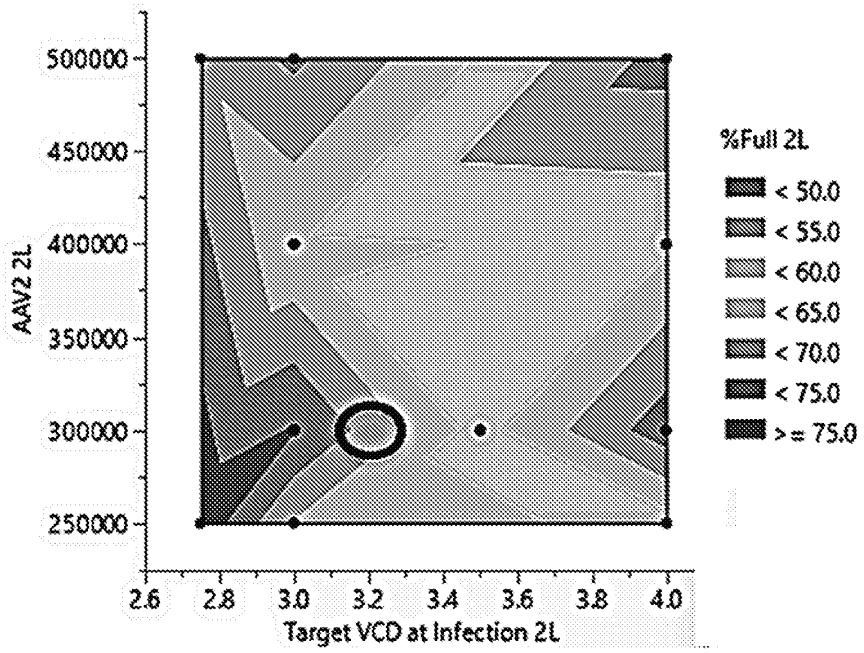

500000
450000
400000
350000
300000
250000
AAV2 2L
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
Target VCD at Infection 2L
%Full 2L
< 50.0
< 55.0
< 60.0
< 65.0
< 70.0
< 75.0
>= 75.0

FIG. 6A

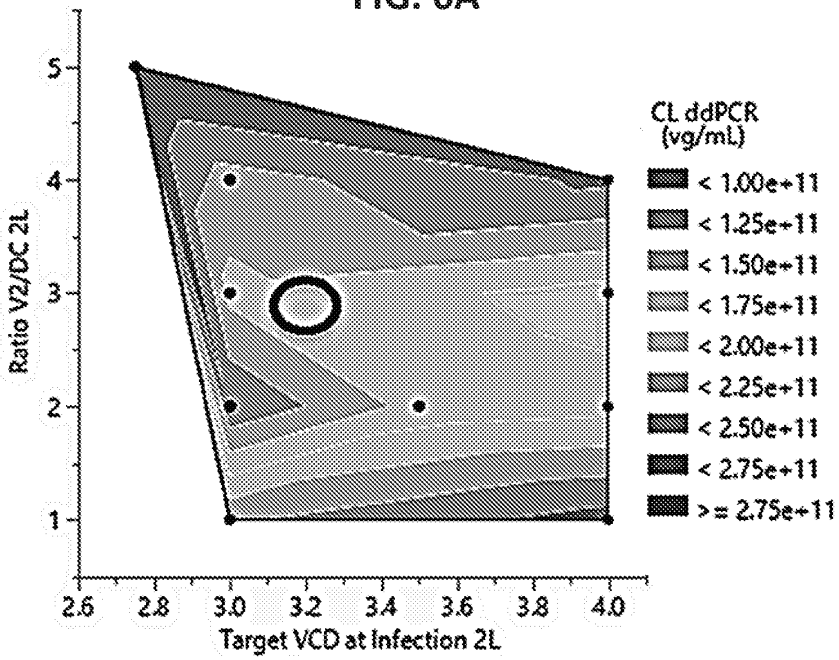
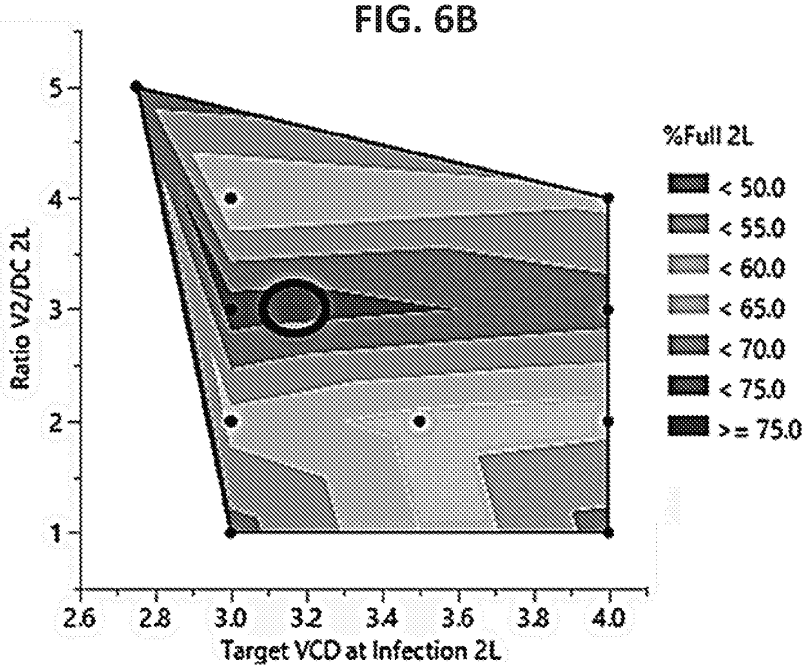

Ratio V2/DC 2L
5
4
3
2
1
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
Target VCD at Infection 2L
CL ddPCR (vg/mL)
< 1.00e+11
< 1.25e+11
< 1.50e+11
< 1.75e+11
< 2.00e+11
< 2.25e+11
< 2.50e+11
< 2.75e+11
>= 2.75e+11

FIG. 6B


Ratio V2/DC 2L
5
4
3
2
1
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
Target VCD at Infection 2L
%Full 2L
< 50.0
< 55.0
< 60.0
< 65.0
< 70.0
< 75.0
>= 75.0