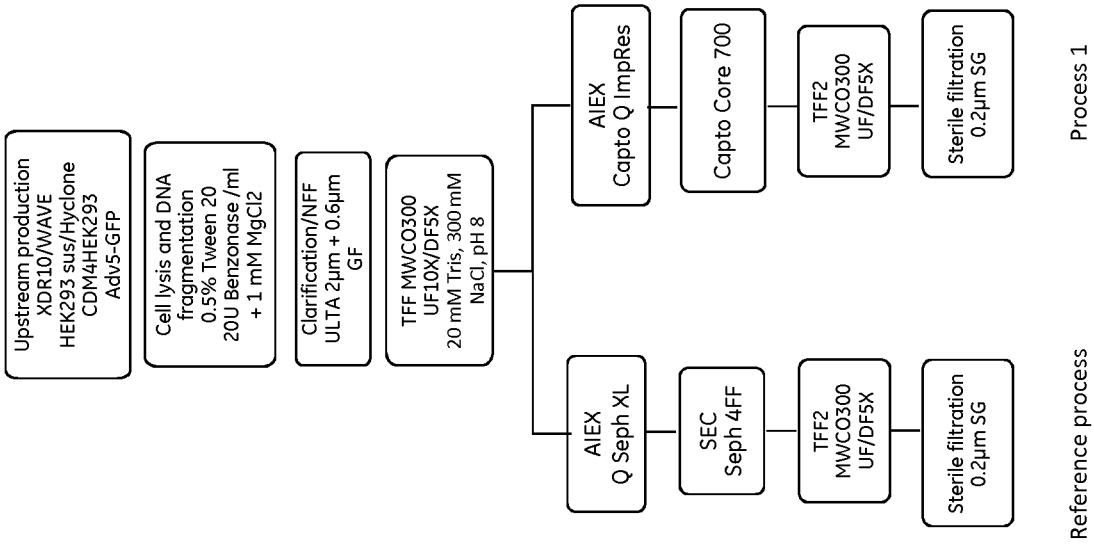
Upstream production
XDR10/WAVE
HEK293 sus/Hyclone
CDM4HEK293
AdV5-GFP
Cell lysis and DNA fragmentation
0.5% Tween 20
20U Benzonase /ml
+ 1 mM MgCl2
Clarification/NFF
ULTA 2µm + 0.6µm
GF
TFF MWCO300
UF10X/DF5X
20 mM Tris, 300 mM
NaCl, pH 8
AIEX
Q Seph XL
SEC
Seph 4FF
TFF2
MWCO300
UF/DF5X
Sterile filtration
0.2µm SG
Reference process
AIEX
Capto Q ImpRes
Capto Core 700
TFF2
MWCO300
UF/DF5X
Sterile filtration
0.2µm SG
Process 1

Fig 1