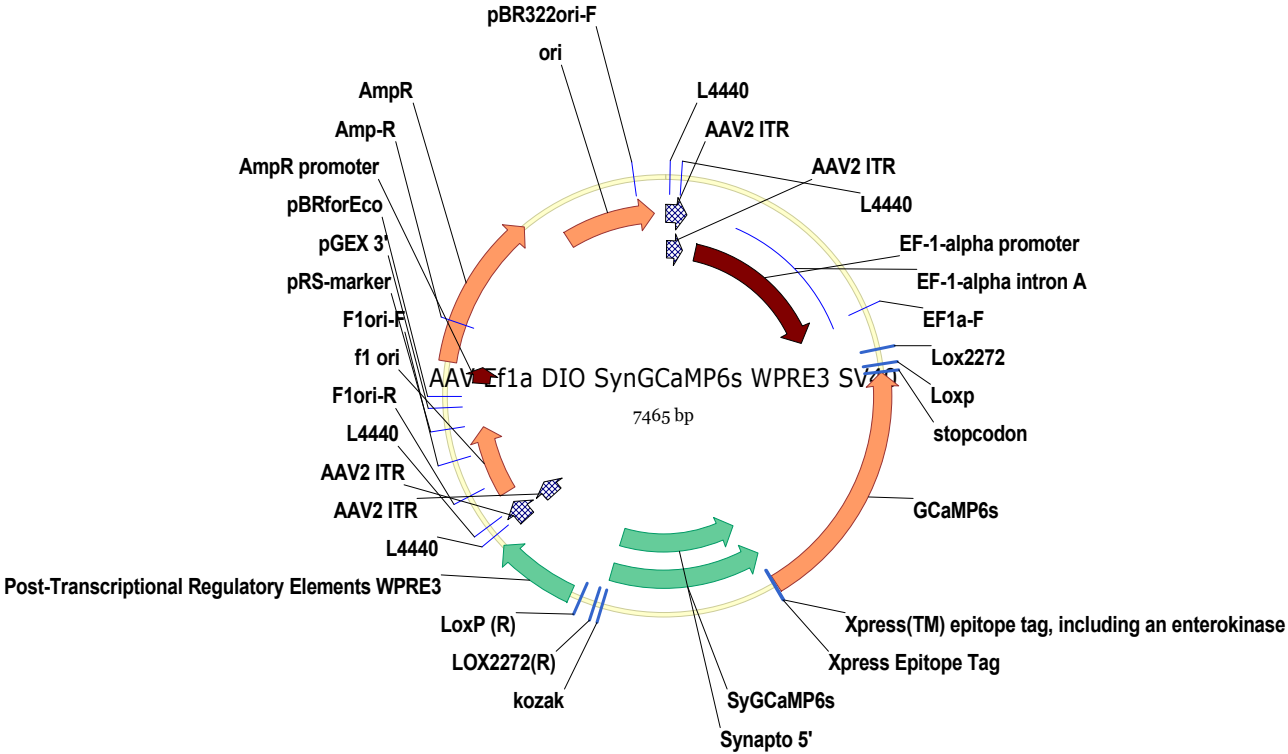
pBR322ori-F
ori
AmpR
Amp-R
AmpR promoter
pBRforEco
pGEX 3'
pRS-marker
F1ori-F
f1 ori
F1ori-R
L4440
AAV2 ITR
AAV2 ITR
L4440
Post-Transcriptional Regulatory Elements WPRE3
LoxP (R)
LOX2272(R)
kozak
L4440
AAV2 ITR
AAV2 ITR
L4440
EF-1-alpha promoter
EF-1-alpha intron A
EF1a-F
Lox2272
Loxp
stopcodon
GCaMP6s
Xpress(TM) epitope tag, including an enterokinase
Xpress Epitope Tag
SyGCaMP6s
Synapto 5'
AAV-Ef1a DIO SynGCaMP6s WPRE3 SV40
7465 bp