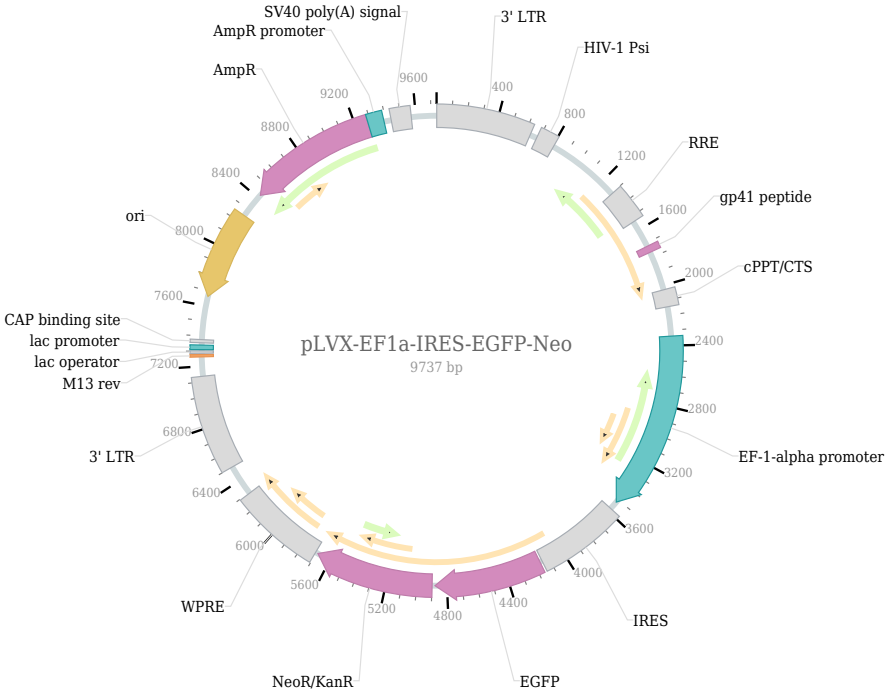
pLVX-EF1a-IRES-EGFP-Neo

Vector ID	V018102
Antibiotic Resistance	Ampicillin
Length	9737 bp
Vector Type	Mammalian cells, Lentivirus

Product Information

Source/Author	NovoPro
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	EF1a
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pLVX-EF1a-IRES-EGFP-Neo is a Lenti-X lentiviral vector in which the human EF1a promoter, more stable than CMV in stem and hematopoietic cells, drives the gene of interest upstream of an EMCV IRES-linked EGFP, with neomycin (G418) resistance for stable selection. AmpR; Stbl3 propagation for lentiviral packaging.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.