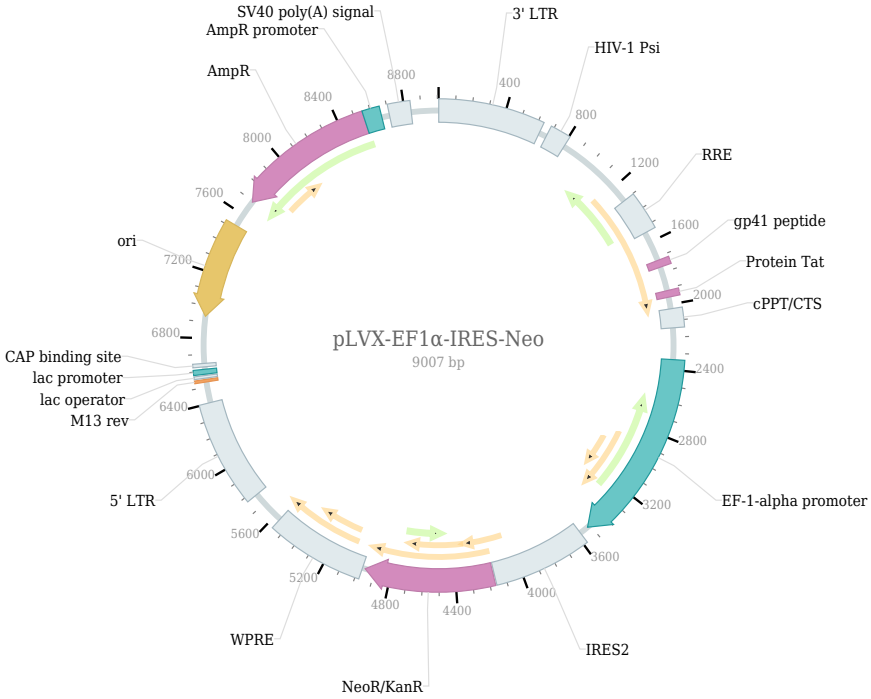
pLVX-EF1α-IRES-Neo

Vector ID	V013653
Antibiotic Resistance	Ampicillin
Length	9007 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	EF-1α
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-EF1a-IRES-Neo is a Lenti-X lentiviral bicistronic vector in which the EF1a promoter drives the gene of interest upstream of an EMCV IRES-linked neomycin (G418) resistance gene, coupling expression of untagged protein with antibiotic selection for stable line generation. AmpR backbone propagated in Stbl3.

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 ℃.