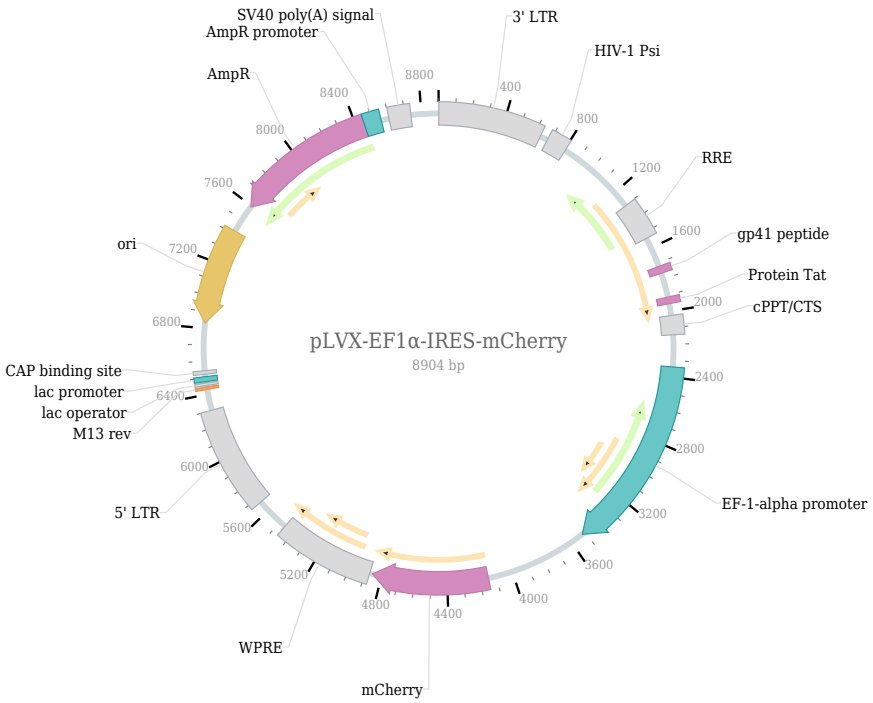
pLVX-EF1α-IRES-mCherry

Vector ID	V012682
Antibiotic Resistance	Ampicillin
Length	8904 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	mCherry
Copy Number	High copy number
Promoter	EF-1α
Cloning Method	Enzyme Cut
5' Primer	EF1a Forward: TCAAGCCTCAGACAGTGGTTC
3' Primer	IRES-R: CCTCACATTGCCAAAAGACG
Growth Strain(s)	stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable
Comment	pLVX-EF1α-IRES-mCherry is a lentiviral bicistronic expression vector for constitutively co-expressing a protein of interest. It includes a mCherry from the EF-1α promoter.

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 ℃.