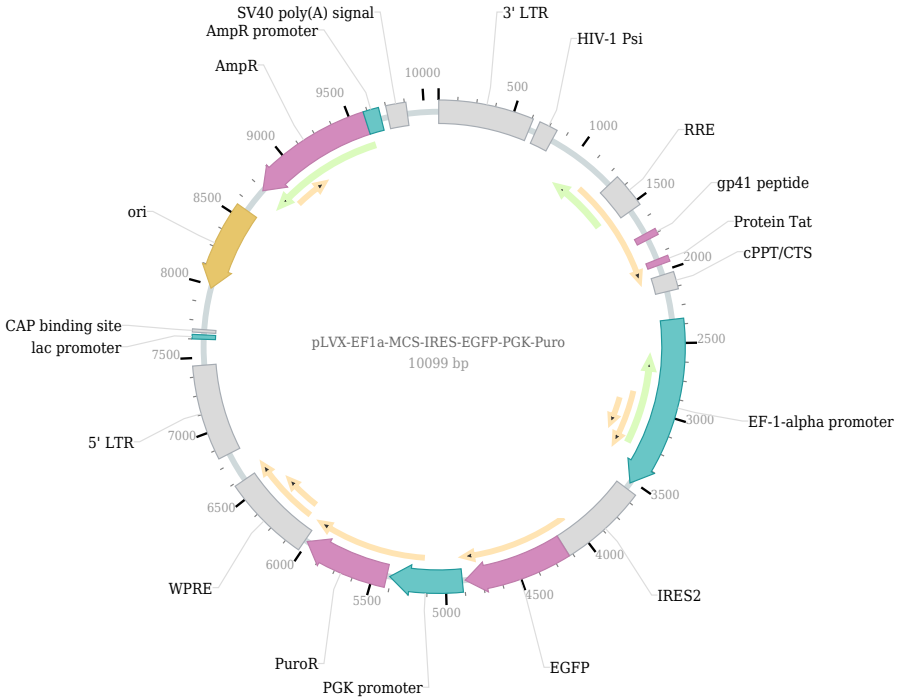
pLVX-EF1a-MCS-IRES-EGFP-PGK-Puro

Vector ID	V013414
Antibiotic Resistance	Ampicillin
Length	10099 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	EF-1α
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-EF1a-MCS-IRES-EGFP-PGK-Puro is a Lenti-X lentiviral vector combining an EF1a promoter-driven MCS for the gene of interest, an EMCV IRES-linked EGFP reporter, and a PGK promoter conferring puromycin resistance, suited to stable bicistronic expression in primary and difficult-to-transfect cells. AmpR, Stbl3 propagation.

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 ℃.