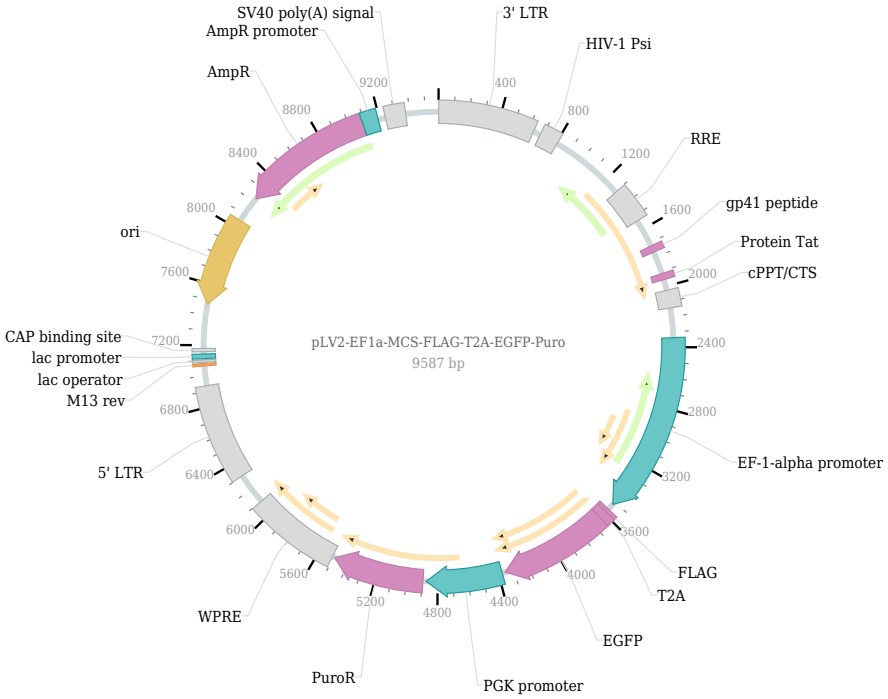
pLV2-EF1a-MCS-FLAG-T2A-EGFP-Puro

Vector ID	V014653
Antibiotic Resistance	Ampicillin
Length	9587 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	pLV2-EF1a-MCS-FLAG-T2A-EGFP-Puro is a pLV2 lentiviral overexpression vector in which the EF1a promoter drives genes cloned into the MCS with a FLAG epitope tag, followed by a T2A peptide linking EGFP, so the gene of interest and reporter are translated equimolarly from one ORF. Puromycin resistance selects stable cells; AmpR, 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 ℃.