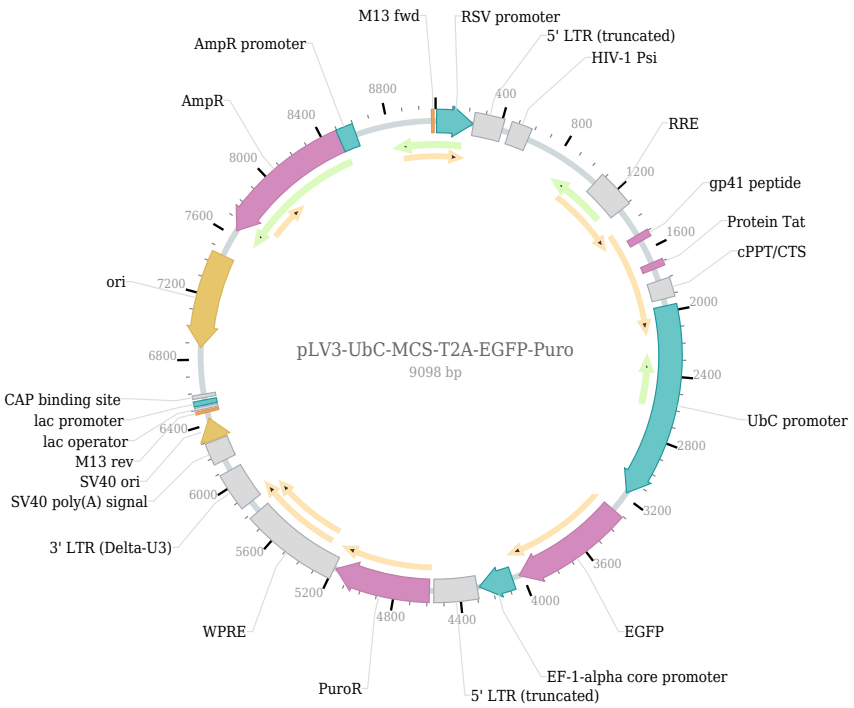
pLV3-UbC-MCS-T2A-EGFP-Puro

Vector ID	V014984
Antibiotic Resistance	Ampicillin
Length	9098 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	UbC
5' Primer	CMV-F
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pLV3-UbC-MCS-T2A-EGFP-Puro is a pLV3 lentiviral vector in which the human ubiquitin C promoter, stable across cell types including primary cells, drives genes cloned into the MCS with a T2A peptide linking EGFP, ensuring equimolar co-expression of the gene of interest and fluorescent reporter. Puromycin resistance; 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 ℃.