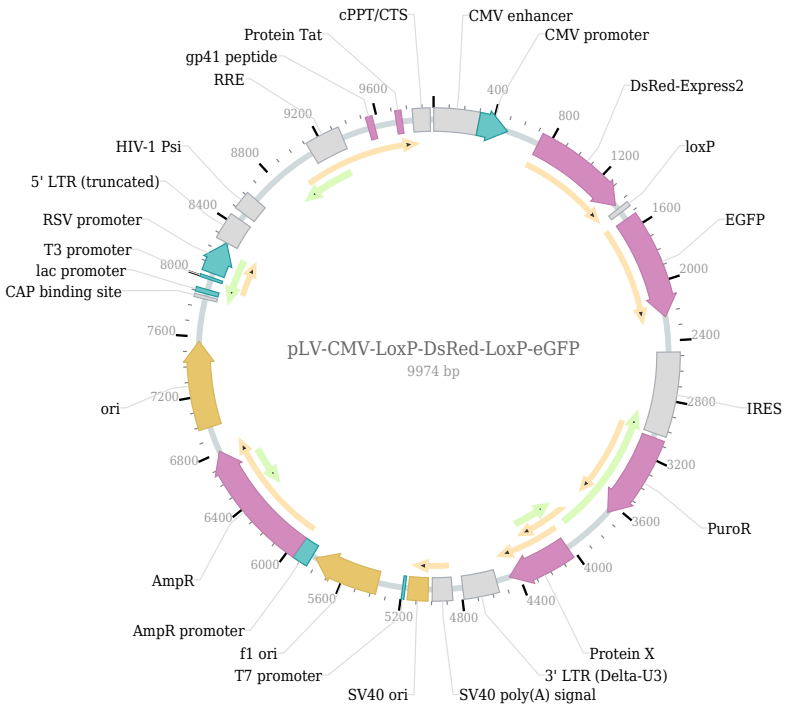
pLV-CMV-LoxP-DsRed-LoxP-eGFP

Vector ID	V017420
Antibiotic Resistance	Ampicillin
Length	9974 bp
Vector Type	Protein expression, Cre
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	RSV
5' Primer	CMV-F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pLV-CMV-LoxP-DsRed-LoxP-eGFP is a plasmid that functions as a genetic Cre reporter that switches from DsRed expression to eGFP expression upon presence of Cre recombinase.

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 ℃.