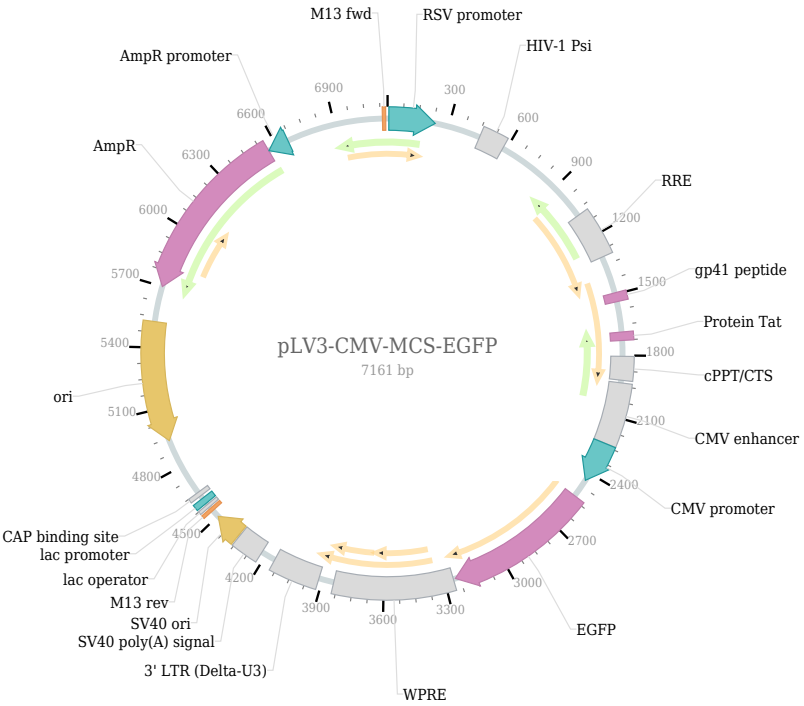
pLV3-CMV-MCS-EGFP

Vector ID	V014754
Antibiotic Resistance	Ampicillin
Length	7161 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pLV3-CMV-MCS-EGFP is a third-generation pLV3 lentiviral transfer vector in which the CMV promoter drives the gene of interest cloned into the MCS, with EGFP co-expression enabling fluorescence monitoring of transduced cells. Propagate in Stbl3 (AmpR) and package with third-generation helper plasmids (pMDLg/pRRE, pRSV-Rev, pMD2.G) in HEK293T cells.

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 ℃.