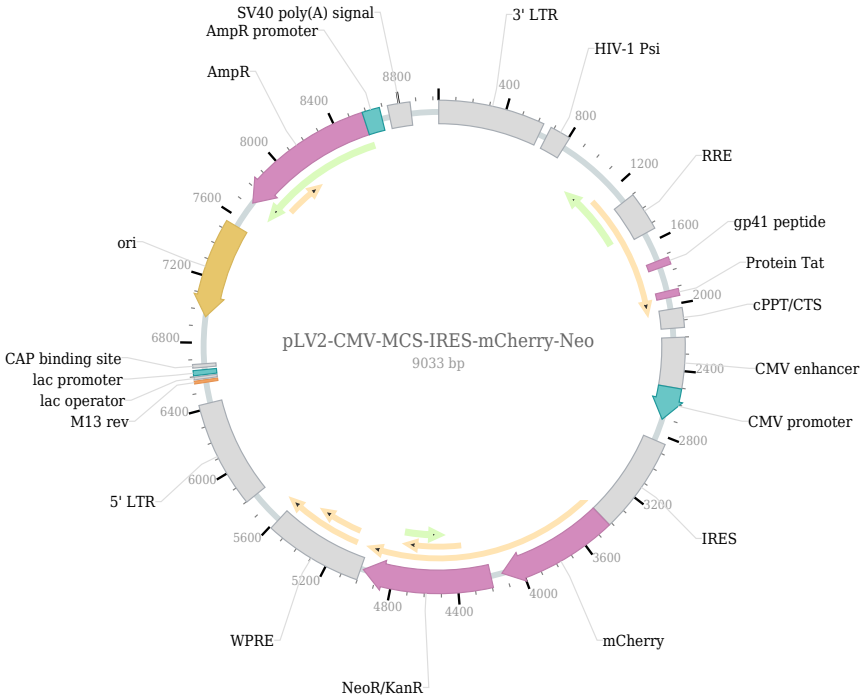
pLV2-CMV-MCS-IRES-mCherry-Neo

Vector ID	V017769
Antibiotic Resistance	Ampicillin
Length	9033 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV2-CMV-MCS-IRES-mCherry-Neo is a pLV2 lentiviral vector in which the CMV promoter drives the gene of interest cloned into the MCS, with an EMCV IRES linking mCherry for red fluorescence tracking and neomycin (G418) resistance for stable selection. Ampicillin-resistant, Stbl3-propagated backbone for lentiviral packaging 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 ℃.