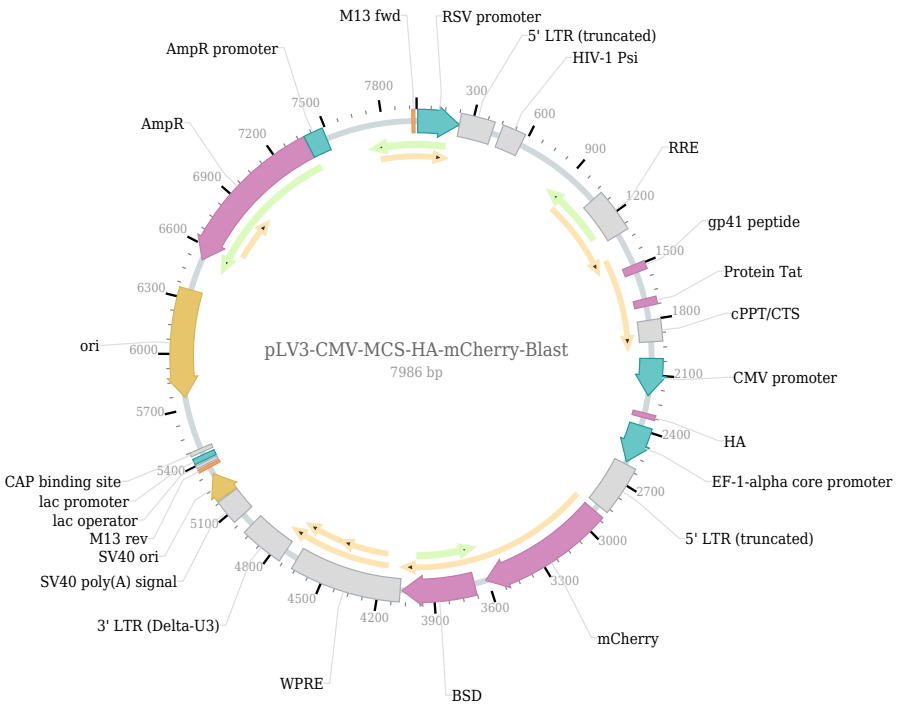
pLV3-CMV-MCS-HA-mCherry-Blast

Vector ID	V014924
Antibiotic Resistance	Ampicillin
Length	7986 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Blast
Promoter	RSV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV3-CMV-MCS-HA-mCherry-Blast is a pLV3 lentiviral vector expressing HA-tagged proteins from the CMV promoter via the MCS, with mCherry fluorescence tracking and blasticidin resistance for rapid stable selection. The third-generation SIN backbone is propagated in Stbl3 (AmpR) and packaged with third-generation helper plasmids 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 ℃.