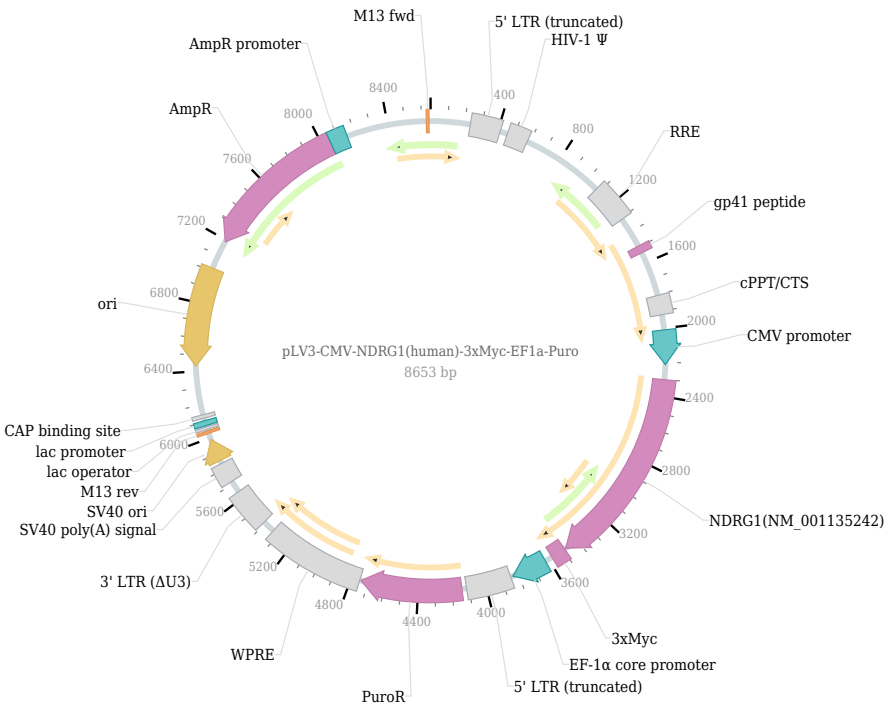
pLV3-CMV-NDRG1(human)-3xMyc-EF1a-Puro

Vector ID	V043575
Accession ID	NM_001135242.2
Antibiotic Resistance	Ampicillin
Length	8653 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	3xMyc
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable / Transient
Comment	pLV3-CMV-NDRG1(human)-3xMyc-EF1a-Puro is a pLV3 lentiviral vector overexpressing human NDRG1 (N-myc downstream regulated gene 1), a metastasis suppressor involved in differentiation and metal-ion responses, as a C-terminal 3xMyc-tagged protein under the CMV promoter, with EF1a-driven puromycin resistance for selection. AmpR, Stbl3 propagation.

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 ℃.