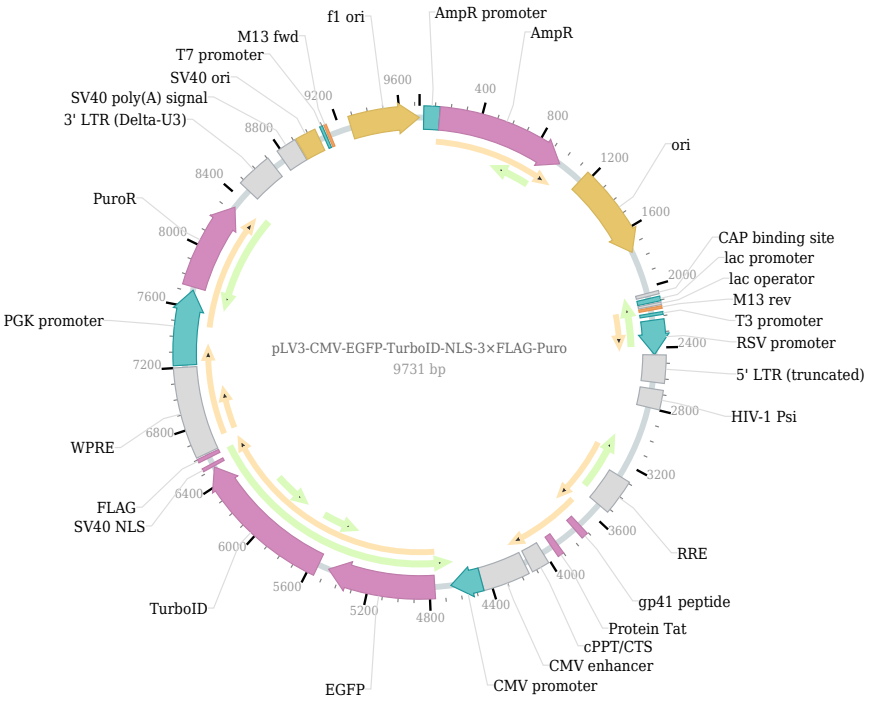
pLV3-CMV-EGFP-TurboID-NLS-3×FLAG-Puro

Vector ID	V014823
Antibiotic Resistance	Ampicillin
Length	9731 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	mPGK
5' Primer	CMV-F
Growth Temperature	37℃
Comment	pLV3-CMV-EGFP-TurboID-NLS-3×FLAG-Puro is a lentiviral vector for stable expression of a nuclear-localized fusion protein. It combines EGFP for visualization, TurboID for proximity-dependent biotinylation of interacting proteins, a 3×FLAG tag for purification, and a puromycin resistance gene for selection.

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 ℃.