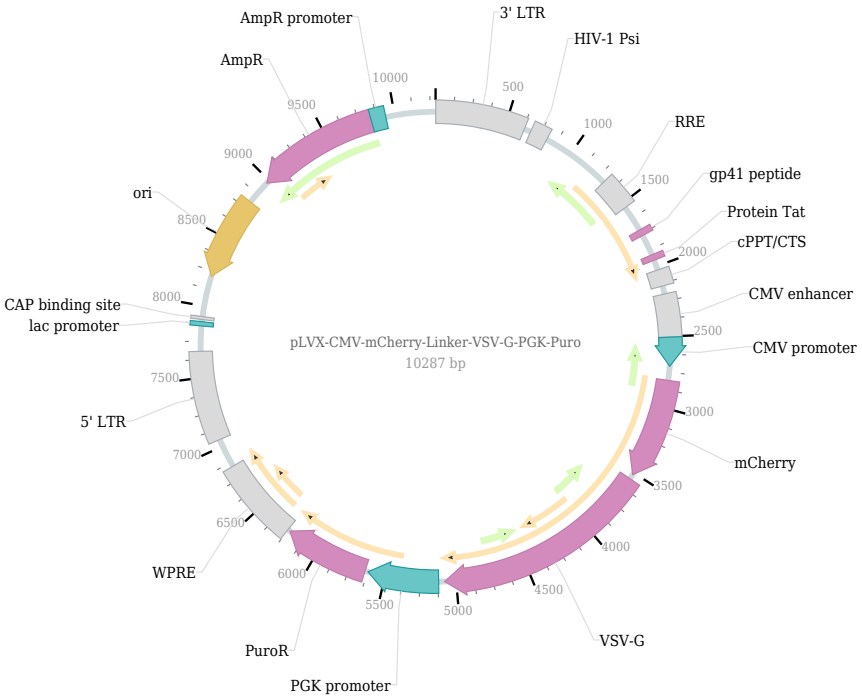
pLVX-CMV-mCherry-Linker-VSV-G-PGK-Puro

Vector ID	V013574
Antibiotic Resistance	Ampicillin
Length	10287 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	mPGK
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	The pLVX-CMV-mCherry-Linker-VSV-G-PGK-Puro plasmid is a lentiviral vector-based plasmid that fuses the CMV promoter, the mCherry red fluorescent protein, a VSV-G protein fragment, and a puromycin resistance gene driven by the PGK promoter. This plasmid can be used in research areas such as cell imaging, gene expression analysis and the screening of stably expressing cell lines.

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 ℃.