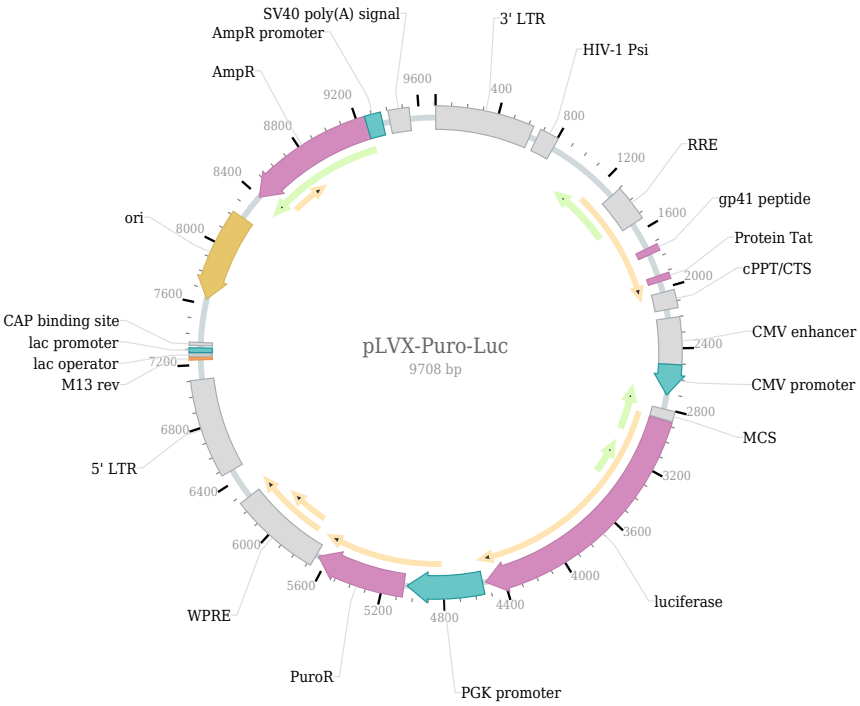
pLVX-Puro-Luc

Vector ID	V013466
Antibiotic Resistance	Ampicillin
Length	9708 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	mPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-Puro-Luc is a lentiviral expression vector. It allows stable integration of a luciferase reporter gene into mammalian cells, and uses puromycin resistance for selection, enabling the generation of stable cell lines for bioluminescence imaging and assays.

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 ℃.