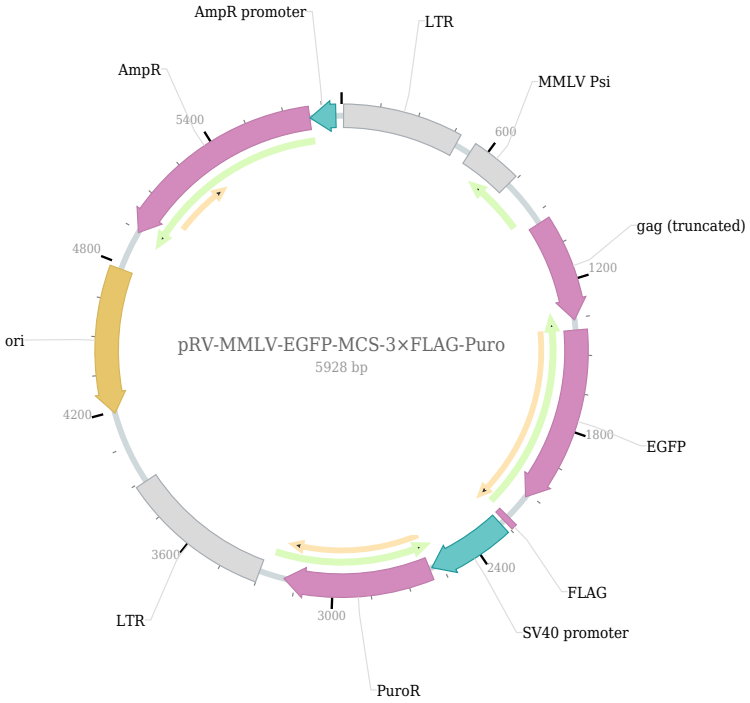
pRV-MMLV-EGFP-MCS-3×FLAG-Puro

Vector ID	V014312
Antibiotic Resistance	Ampicillin
Length	5928 bp
Vector Type	Protein expression
Host	Mammalian cells, Retrovirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	SV40
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pRV-MMLV-EGFP-MCS-3×FLAG-Puro is a replication-defective MMLV-based retroviral vector carrying an EGFP-MCS-3xFLAG reporter cassette with puromycin resistance. Enables delivery and expression of fluorescent, epitope-tagged genes of interest with rapid antibiotic selection of stably transduced dividing mammalian 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 ℃.