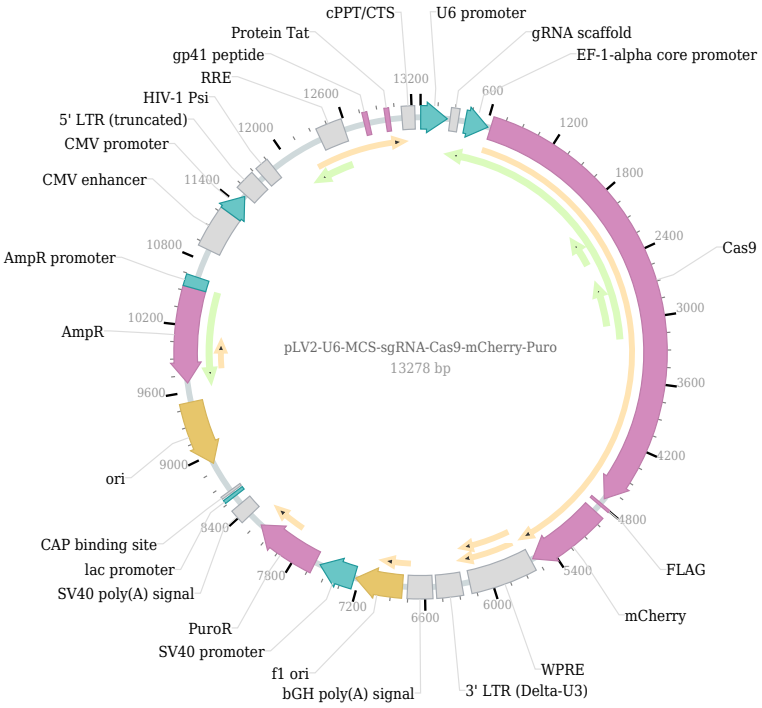
pLV2-U6-MCS-sgRNA-Cas9-mCherry-Puro

Vector ID	V014242
Antibiotic Resistance	Ampicillin
Length	13278 bp
Vector Type	Gene knockout
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	U6
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	The pLV2-U6-MCS-sgRNA-Cas9-mCherry-Puro is for dual expression of Cas9 and sgRNA. It also contains a mCherry marker (red) and puromycin resistance.

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 ℃.