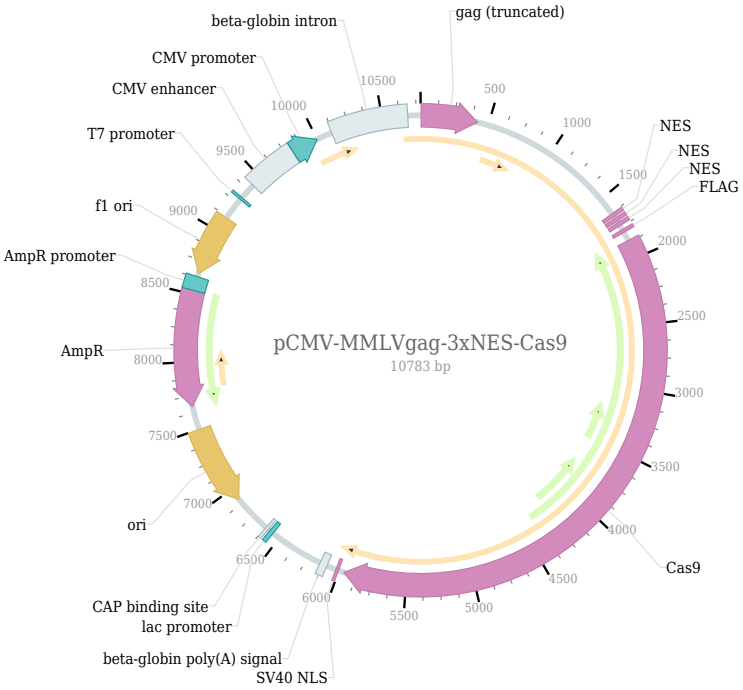
pCMV-MMLVgag-3xNES-Cas9

Vector ID	V017280
Antibiotic Resistance	Ampicillin
Length	10783 bp
Vector Type	Gene expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCMV-MMLVgag-3xNES-Cas9 fuses MMLV-Gag to SpyCas9 via a protease-cleavable TSTLLMENSS linker and 3×NES, packaging Cas9 RNP into engineered virus-like particles for DNA-free, transient in vivo CRISPR delivery.

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 ℃.