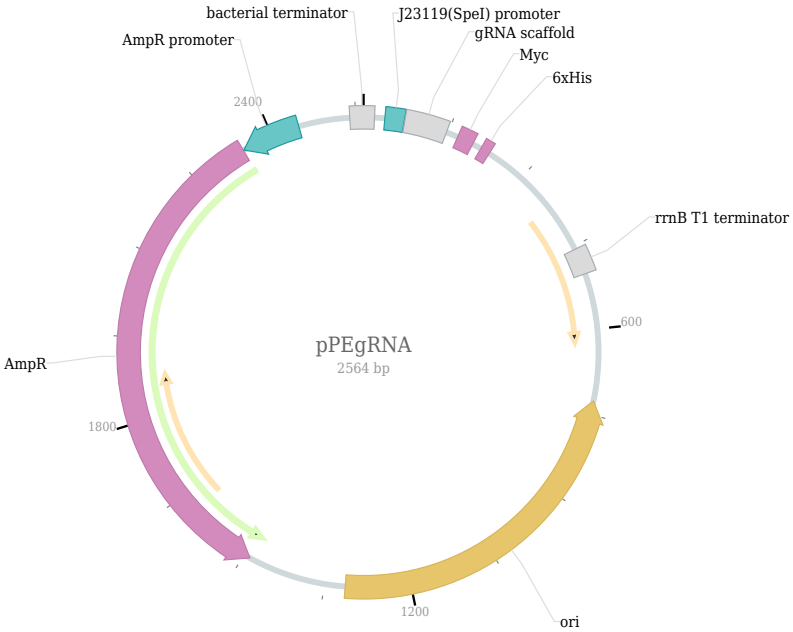
pPEgRNA

Vector ID	V018009
Antibiotic Resistance	Ampicillin
Length	2564 bp
Vector Type	Gene-editing vector
Host	Bacteria

Product Information

Replication Origin	ori
Promoter	J23119
3' Primer	AmpNR
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pPEgRNA is a pgRNA-bacteria–based bacterial expression plasmid delivering prime-editing gRNA for CRISPR-prime editing in E. coli, used with PE effector plasmids for scarless, DSB-free genome edits.

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 ℃.