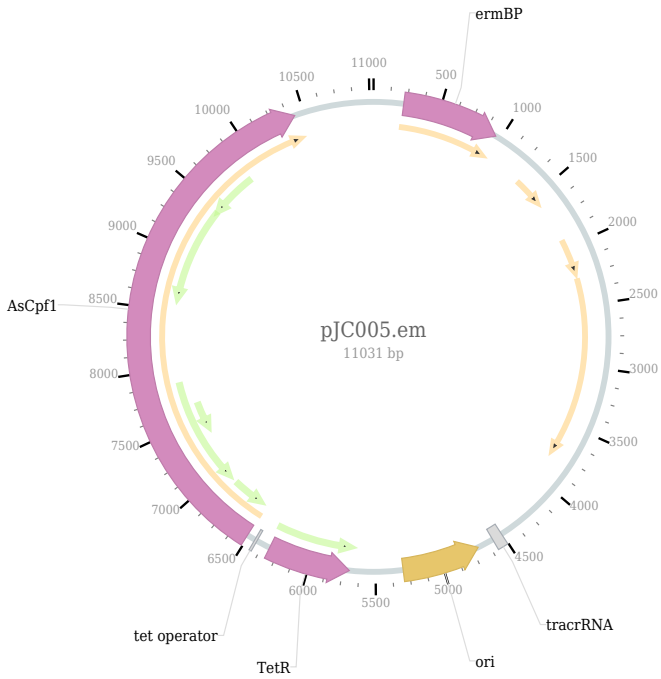
pJC005.em

Vector ID	V017393
Antibiotic Resistance	Erythromycin
Length	11031 bp
Vector Type	Genome editing
Host	Enterococcus faecalis

Product Information

Replication Origin	ori
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pJC005 is a single-plasmid CRISPR-Cas12a vector with tetracycline-inducible Cas12a and dual-host replication, enabling rapid, efficient gene deletions/insertions in E. faecium via in vivo recombination.

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 ℃.