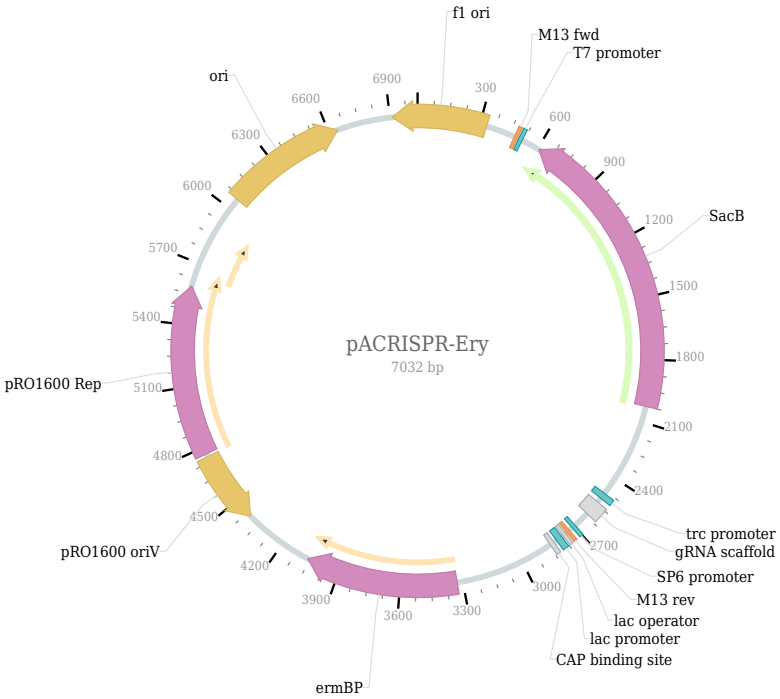
pACRISPR-Ery

载体编号 Vector ID	V015087
抗性 Antibiotic Resistance	Erythromycin
长度 Length	7032 bp
载体类型 Vector Type	Genome editing
宿主 Host	Pseudomonas aeruginosa

产品信息

复制子 Replication Origin	ori
启动子 Promoter	trc
5' 引物 5' Primer	G34042-F3
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pACRISPR-Ery is the erythromycin-resistant sgRNA plasmid of the pCasPA/pACRISPR CRISPR-Cas9 system for Pseudomonas aeruginosa. A trc promoter drives the gRNA scaffold; BsaI and XbaI/XhoI sites enable spacer and homology-arm assembly. Paired with pCasPA-encoded Cas9 and λ-Red recombinase, it achieves scarless deletion or insertion, with sacB for curing.

质粒图谱



复溶方法

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 ℃.