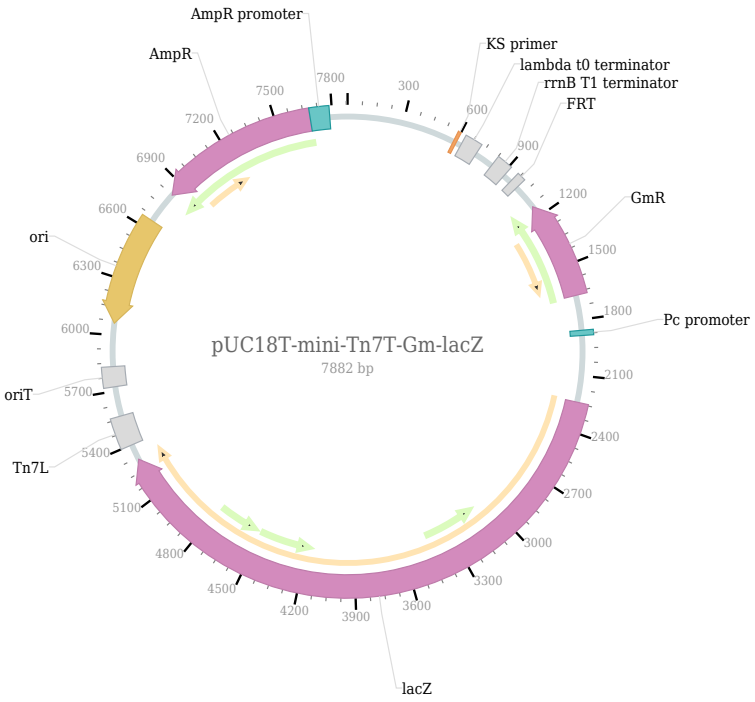
pUC18T-mini-Tn7T-Gm-lacZ

载体编号 Vector ID	V014874
抗性 Antibiotic Resistance	Ampicillin, Gentamicin
长度 Length	7882 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Pc
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This is a ColE1-based suicide mini-Tn7 delivery vector built on pUC18T backbone for Gram-negative bacteria. Its mini-Tn7T segment carries dual transcriptional terminators, FRT-flanked gentamicin resistance marker and promoterless lacZ reporter gene. With helper pTNS1, it inserts site-specifically at attTn7 downstream glmS to create single-copy chromosomal transcriptional lacZ fusions. Flp recombinase can excise the gentamicin cassette post-transposition to generate unmarked reporter strains.

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 ℃.