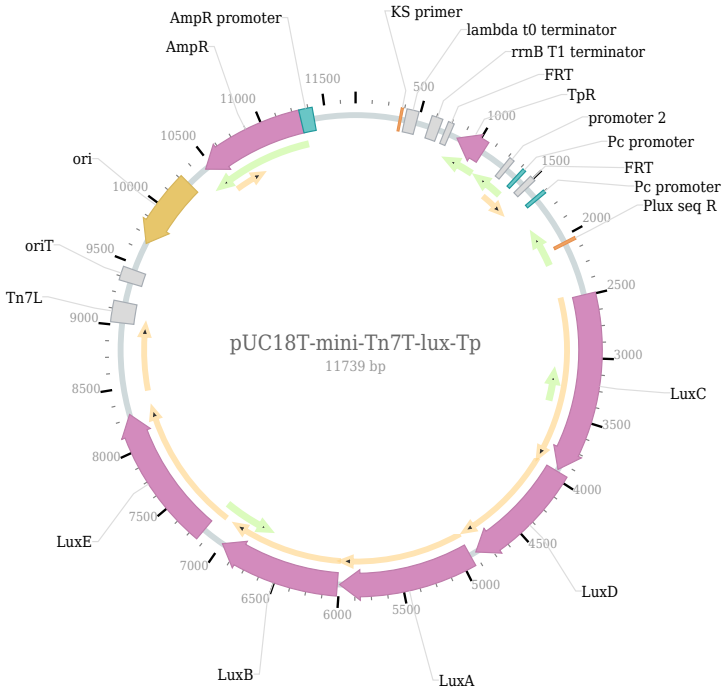
pUC18T-mini-Tn7T-lux-Tp

载体编号 Vector ID	V002410
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11739 bp
载体类型 Vector Type	Reporter vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Damron FH, McKenney ES, Barbier M, Liechti GW, Schweizer HP, Goldberg JB.
启动子 Promoter	Pc
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pUC18T-mini-Tn7T-lux-Tp is a mobilizable mini-Tn7 delivery vector carrying the Photorhabdus luminescens luxCDABE bioluminescence operon with trimethoprim resistance. Inserts a single copy at the conserved attTn7 site downstream of glmS in Gram-negative chromosomes for bioluminescence tracking and single-copy promoter-lux reporter assays (Damron et al. 2013).

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 ℃.