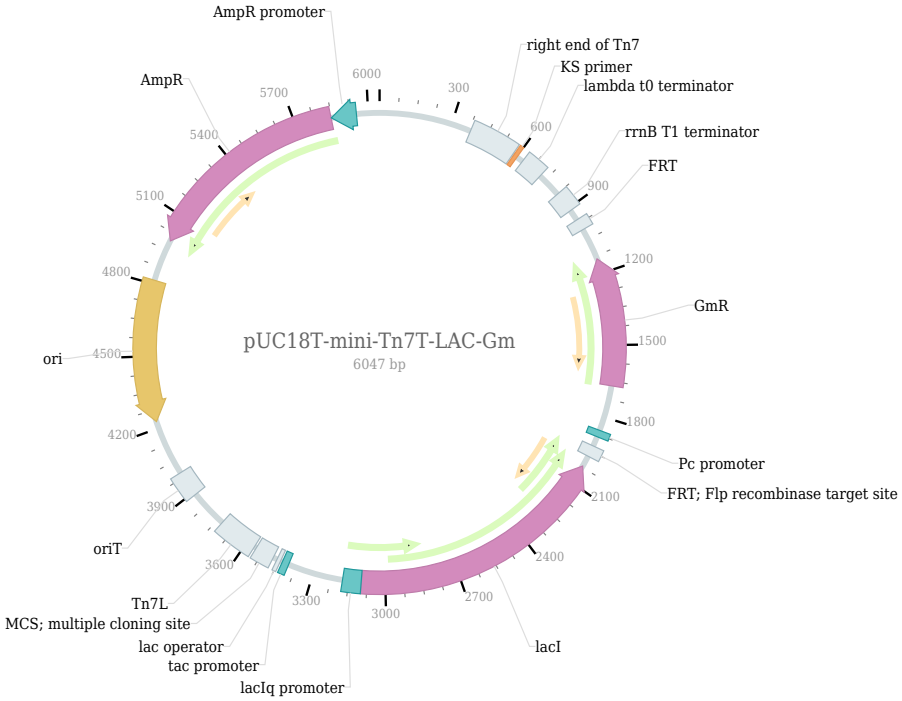
pUC18T-mini-Tn7T-LAC-Gm

Vector ID	V002411
Antibiotic Resistance	Ampicillin
Length	6047 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Choi KH, Mima T, Casart Y, Rholl D, Kumar A, Beacham IR, Schweizer HP.
Growth Strain(s)	DH10B
Comment	pUC18T-mini-Tn7T-LAC-Gm is a mini-Tn7 delivery plasmid carrying a lac promoter, multiple cloning site, and FRT-flanked aacC1 (gentamicin) marker between Tn7L and Tn7R. Cotransfected with the pTNS2/pTNS3 transposase helper, it integrates the cargo single-copy at the chromosomal attTn7 site.

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 ℃.