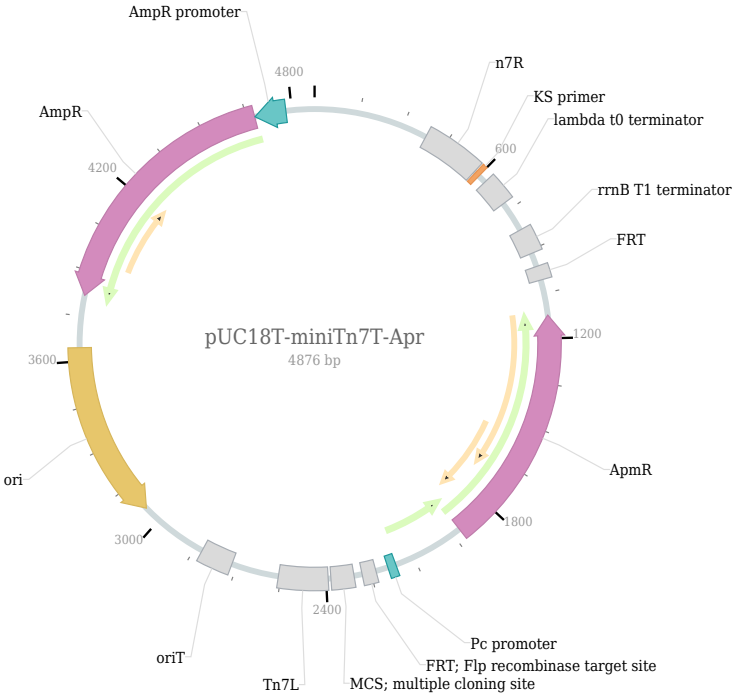
pUC18T-miniTn7T-Apr

Vector ID	V015628
Antibiotic Resistance	Apramycin
Length	4876 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Ducas-Mowchun K, De Silva PM, Crisostomo L, Fernando DM
Promoter	Pc
Comment	pUC18T-miniTn7T-Apr is a mini-Tn7 transposon delivery vector with apramycin resistance for single-copy, non-polar insertion at the chromosomal attTn7 site of Gram-negative bacteria via TnsABCD transposase. R6K suicide backbone with RP4 oriT enables conjugative delivery for gene complementation and reporter fusions (Ducas-Mowchun et al. 2019).

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 ℃.