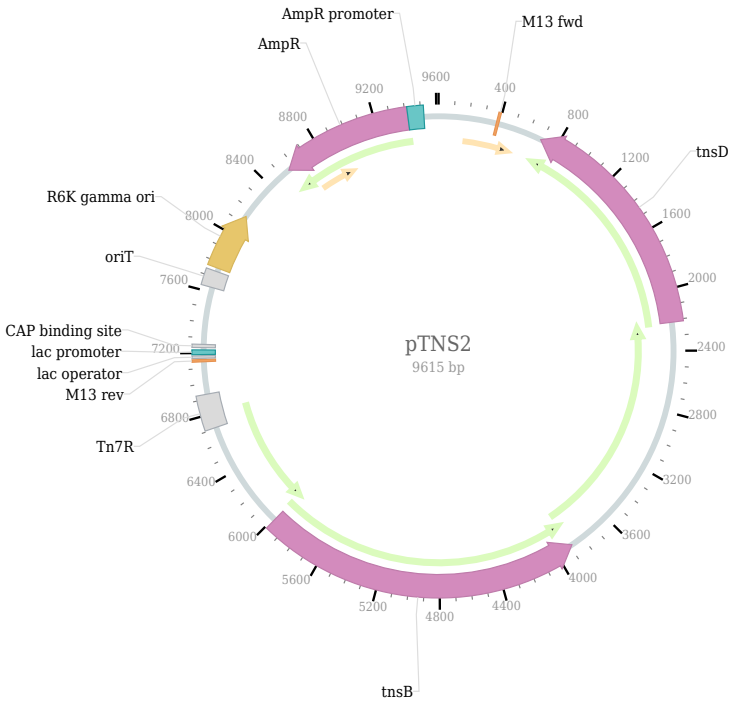
pTNS2

载体编号 Vector ID	V002576
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9615 bp
载体类型 Vector Type	T7 transposase expression vector

产品信息

复制子 Replication Origin	R6K γ ori
来源 Source/Author	Choi KH, Gaynor JB, White KG, Lopez C, Bosio CM, Karkhoff-Schweizer RR, Schweizer HP.
培养菌株 Growth Strain(s)	DH5α- λpir
培养温度 Growth Temperature	37℃
备注 Comment	pTNS2 is a helper plasmid for Tn7 transposition (Tn7 transposase expression), carrying the tnsABCD genes encoding transposase enzymes. It has an R6K origin, requires Pir1 strains for replication, confers ampicillin resistance, and is used to integrate DNA into bacterial chromosomes at specific attTn7sites

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 ℃.