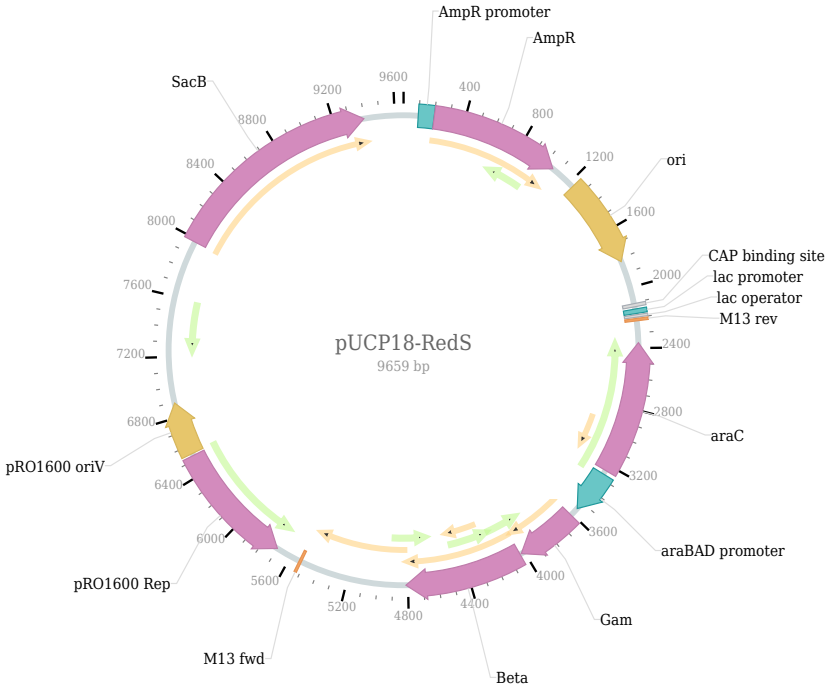
pUCP18-RedS

载体编号 Vector ID	V002377
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9659 bp
载体类型 Vector Type	Shuttle vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Lesic B, Rahme LG.
启动子 Promoter	araBAD
备注 Comment	pUCP18-RedS is an E. coli–P. aeruginosashuttle vector designed for rapid lambda Red recombinase-mediated mutagenesis in P. aeruginosa. It carries the arabinose-inducible Red operon (gam, bet, exo) for promoting homologous recombination, the sacBgene for counterselection to cure the plasmid after mutagenesis, and a β-lactamase gene (bla) for ampicillin/carbenicillin resistance.

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 ℃.