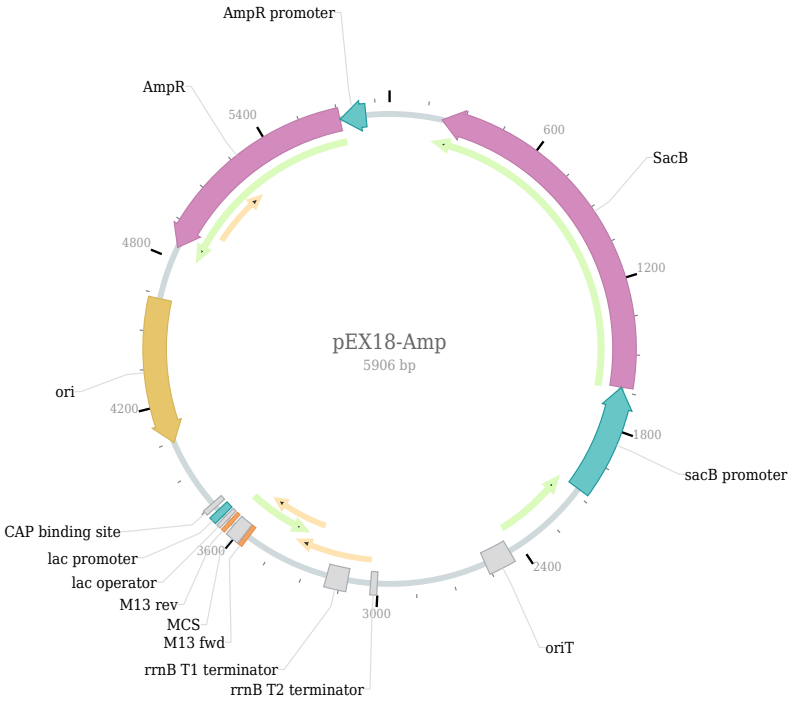
pEX18-Amp

载体编号 Vector ID	V014987
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5906 bp
载体类型 Vector Type	Genome editing
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	SacB
启动子 Promoter	sacB
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pEX18-Amp, acting as a suicide plasmid, knocked out the Lon gene in Pseudomonas aeruginosa via homologous recombination. This was combined with gentamicin screening and sacB reverse screening to construct a nutritionally deficient mutant, thereby validating the regulatory relationship between the Lon protease and Hfq.

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 ℃.