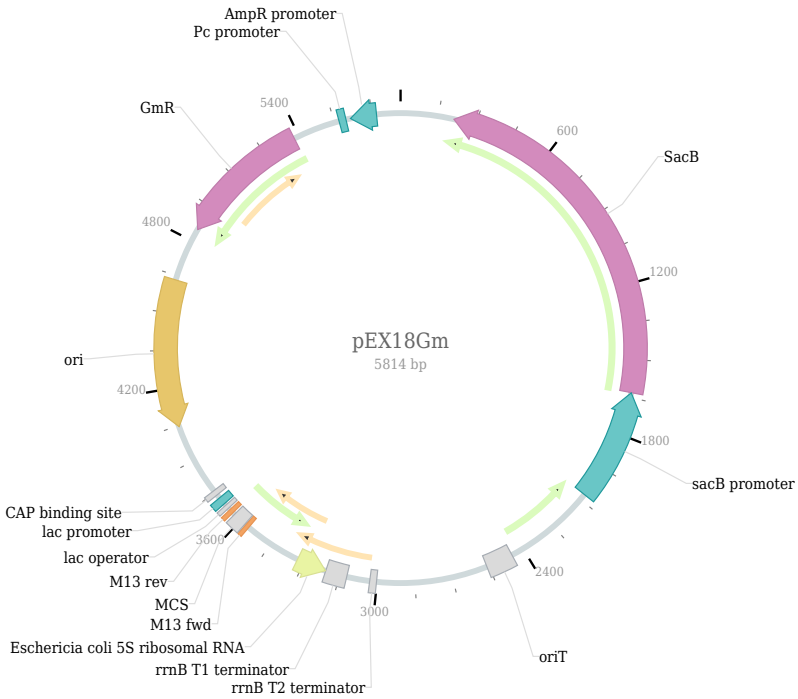
pEX18Gm

载体编号 Vector ID	V006439
抗性 Antibiotic Resistance	Gentamicin
长度 Length	5814 bp
载体类型 Vector Type	Cloning vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Hoang TT, Karkhoff-Schweizer RR, Kutchma AJ, Schweizer HP.
启动子 Promoter	sacB
培养菌株 Growth Strain(s)	DH5alpha
培养温度 Growth Temperature	37℃
备注 Comment	pEX18Gm is an Escherichia coli suicide plasmid with gentamicin resistance. Similar to pK18mobsacB (a NeoR/KanR-resistant SacB suicide plasmid), pEX18Gm also contains the sacB element. In sucrose's presence, the sacB gene's expression leads to bacterial death. This property allows for screening cells that have lost the plasmid after the gene manipulation is completed.

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 ℃.