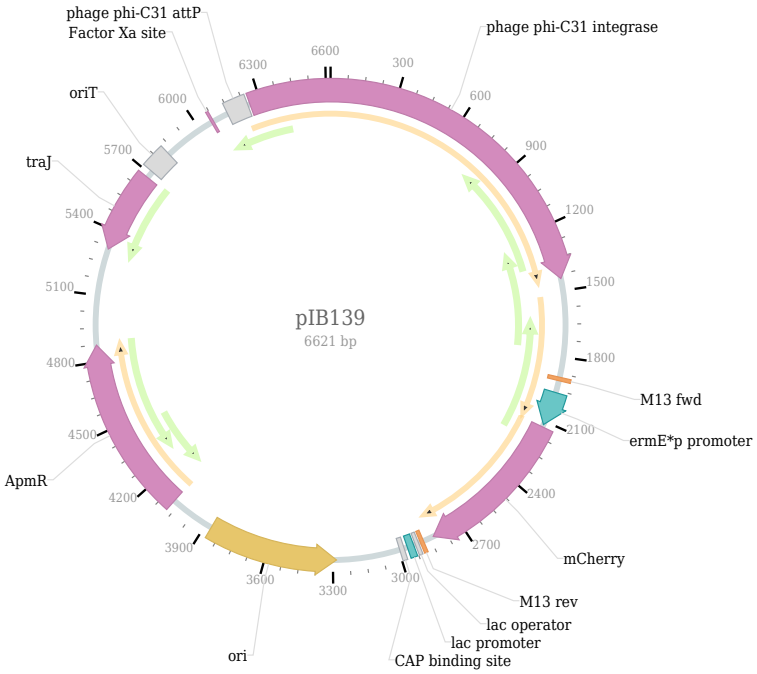
pIB139

载体编号 Vector ID	V012917
抗性 Antibiotic Resistance	Apramycin
长度 Length	6621 bp
载体类型 Vector Type	Protein expression
宿主 Host	Broad host

产品信息

复制子 Replication Origin	ori
启动子 Promoter	lac
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pIB139 is a Streptomyces integrative expression vector derived from pSET152. The constitutive PermE* promoter drives the mCherry-MCS; the PhiC31 integrase/attP system recombines the vector into the chromosome for stable maintenance, while oriT (RK2) enables E. coli-Streptomyces conjugation. Apramycin resistance selects in both hosts; ColE1 ori supports E. coli propagation.

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 ℃.