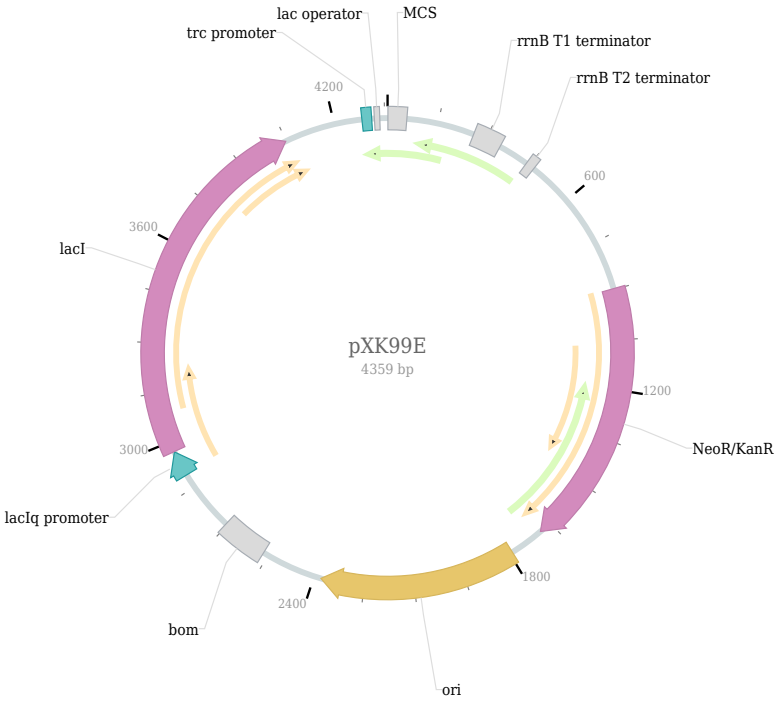
# pXK99E

| | |
|---|---|
| **载体编号 Vector ID** | V002034 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 4359 bp |
| **载体类型 Vector Type** | Expression vector |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **来源 Source/Author** | Kirchner O, Tauch A. |
| **培养菌株 Growth Strain(s)** | Top10 |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pXK99E is an E. coli/Bacillus subtilis shuttle expression vector containing replication origins for both E. coli and B. subtilis, enabling stable expression in both hosts. It relies on the trc promoter for efficient transcription, with lacI repression being released upon IPTG addition. |

## 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 ℃.