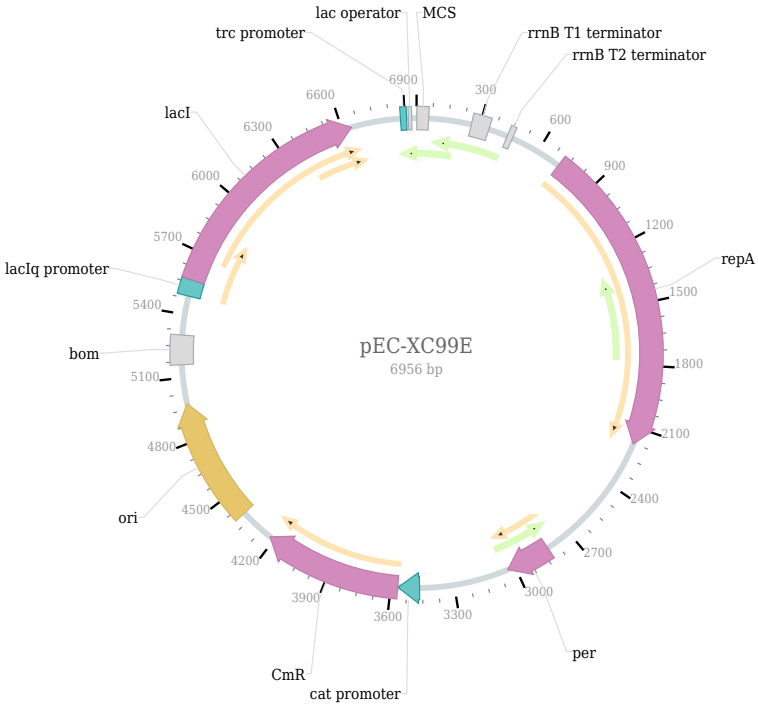
pEC-XC99E

载体编号 Vector ID	V007660
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	6956 bp
载体类型 Vector Type	Shuttle expression vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Kirchner O, Tauch A.
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	Top10
备注 Comment	pEC-XC99E is a 6956 bp shuttle vector.It carries a trc promoter (inducible, with lac operator and lacI repressor gene) for tight control of expression. The MCS (multiple cloning site) follows the promoter. Termination is provided by rrnB T1 and T2 terminators. Selection in E.coli uses CmR (chloramphenicol resistance) driven by a cat promoter. Replication functions include ori and repA.

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 ℃.