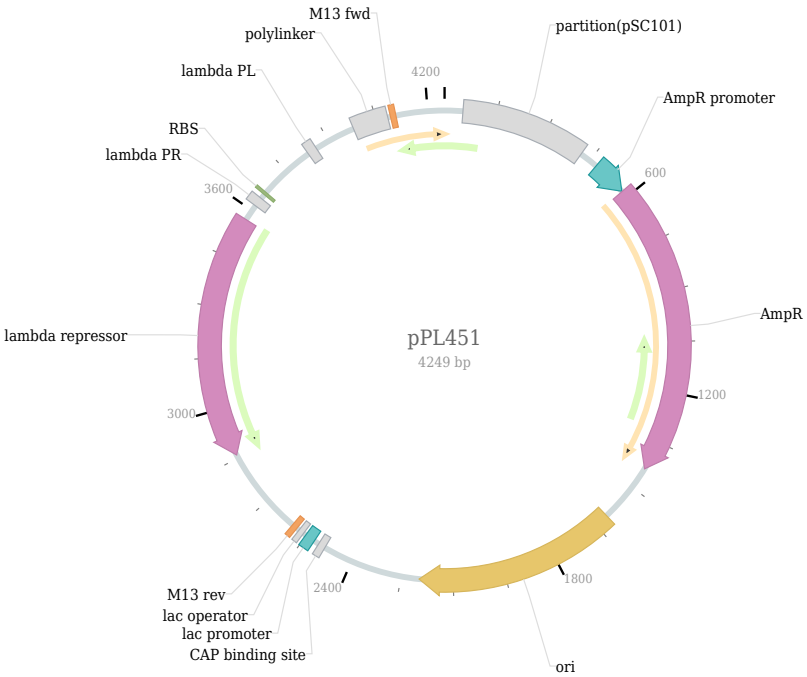
pPL451

载体编号 Vector ID	V004050
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4249 bp
载体类型 Vector Type	Cloning vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Love CA, Lilley PE, Dixon NE.
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pPL451 is a multicopy E. coli cloning vector featuring a temperature-inducible expression system. The expression of the cloned gene is controlled by the λ phage promoter and the temperature-sensitive λ CI857 repressor, allowing induction by elevating the growth temperature. It was notably used to express a C-terminal eGFP translational fusion with the λ phage capsid D gene for phage display studies.

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 ℃.