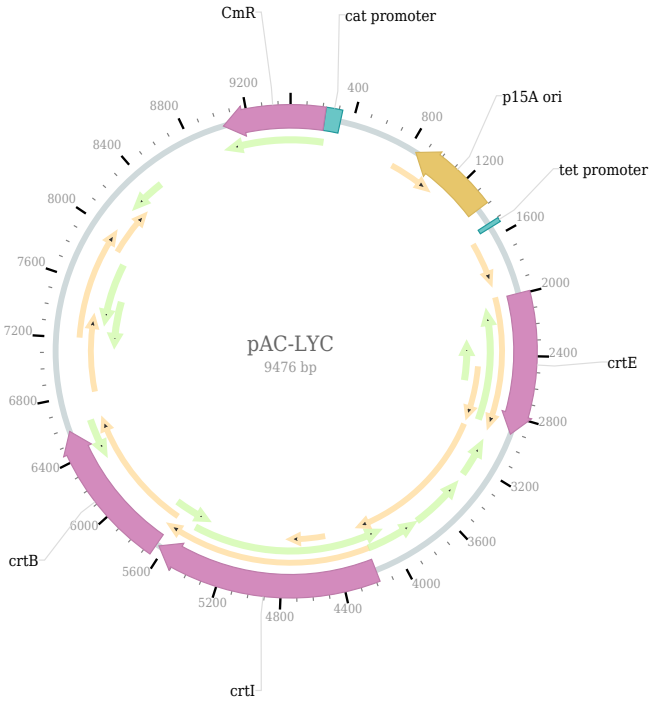
pAC-LYC

载体编号 Vector ID	V014693
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	9476 bp
载体类型 Vector Type	Gene cloning
宿主 Host	E. coli

产品信息

复制子 Replication Origin	p15A ori
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	30℃
备注 Comment	pAC-LYC is a 9.476 kb pACYC184-derived plasmid with chloramphenicol resistance. It retains Erwinia herbicola crtE, crtB and crtI genes to drive exclusive lycopene accumulation in E. coli. Compatible with pTrcHis vectors, it serves as a colorimetric reporter for lycopene cyclase activity via pink-to-yellow colony shift.

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 ℃.