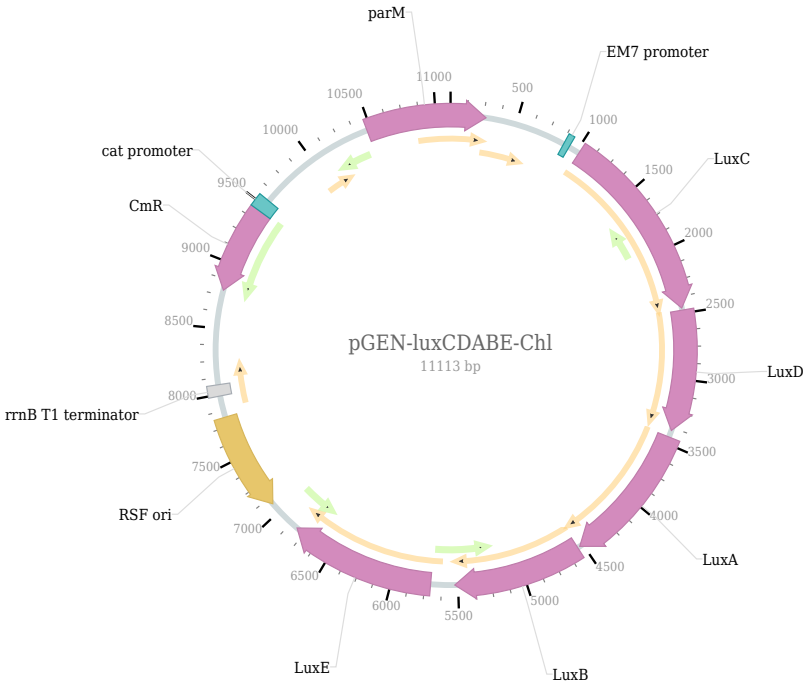
pGEN-luxCDABE-Chl

载体编号 Vector ID	V014593
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	11113 bp
载体类型 Vector Type	Gene expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	RSF ori
启动子 Promoter	EM7
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pGEN-luxCDABE-Chl is designed for producing bacterial luciferase. It incorporates the full luxCDABE operon for bioluminescence, driven by the strong EM7 promoter. The plasmid utilizes the RSF origin for high-copy replication and includes a chloramphenicol resistance gene (CmR) under the cat promoter for antibiotic selection in E. coli.

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 ℃.