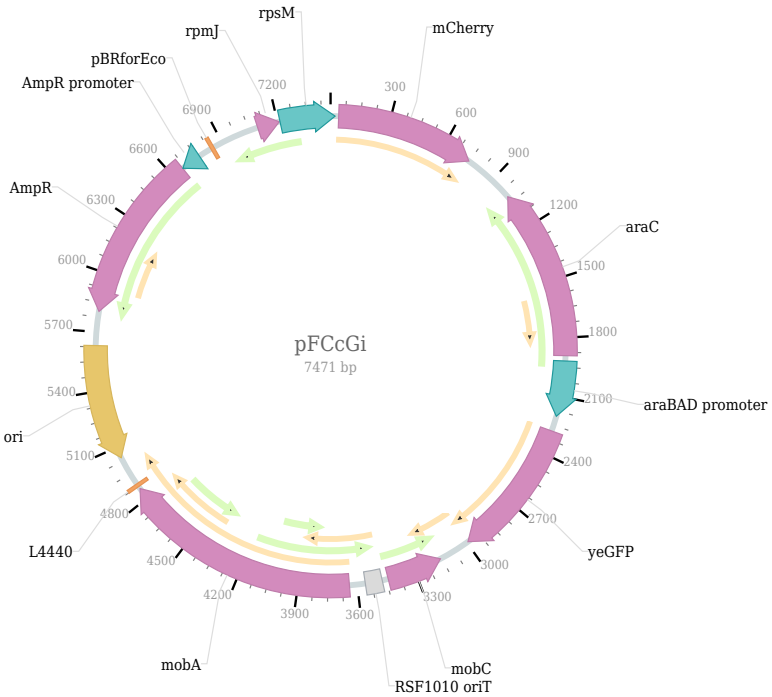
pFCcGi

载体编号 Vector ID	V000516
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7471 bp
载体类型 Vector Type	Bacterial Expression

产品信息

复制子 Replication Origin	ori
启动子 Promoter	araBAD
5' 引物 5' Primer	PBAD-F
3' 引物 3' Primer	PBAD-R
备注 Comment	pFCcGi is a 7.4 kb dual-fluorescence reporter for bacteria. It uses an L-arabinose-inducible pBAD promoter to drive GFP, while mCherry is expressed constitutively for normalization. The plasmid carries ampicillin resistance (Ampr) and the RSF1010 origin for replication in diverse Gram-negative hosts. Ideal for real-time, ratiometric gene expression 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 ℃.