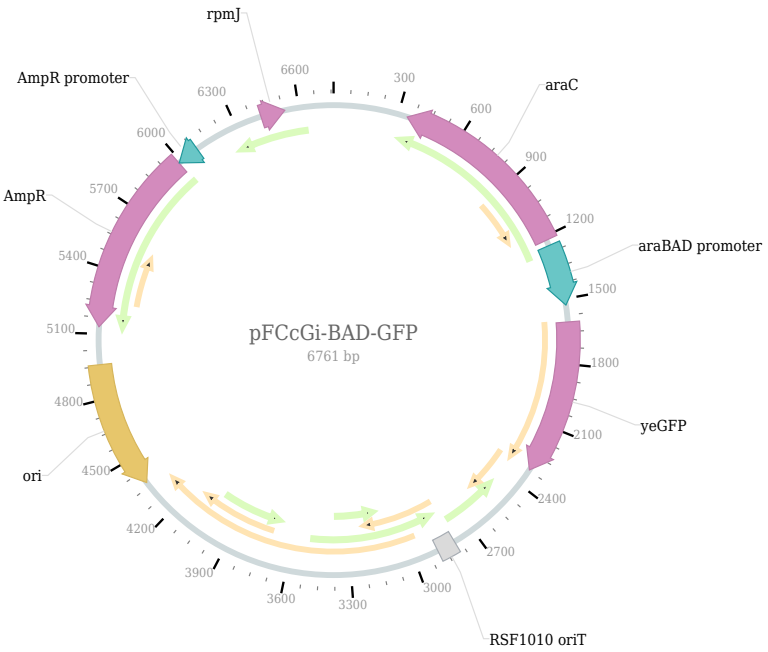
pFCcGi-BAD-GFP

载体编号 Vector ID	V014096
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6761 bp
载体类型 Vector Type	Protein expression
宿主 Host	Salmonella

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High copy number
启动子 Promoter	araBAD
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pFCcGi-BAD-GFP is a bacterial expression vector for arabinose-inducible GFP production in Salmonella. The araC gene and araBAD (P_BAD) promoter drive tightly regulated expression of yeast-enhanced GFP (yeGFP). A ColE1/pBR322 origin supports high-copy propagation in E. coli, and the RSF1010 oriT permits conjugative transfer. Ampicillin resistance (AmpR) enables selection in both hosts. Propagation strain DH5α at 37 °C.

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 ℃.