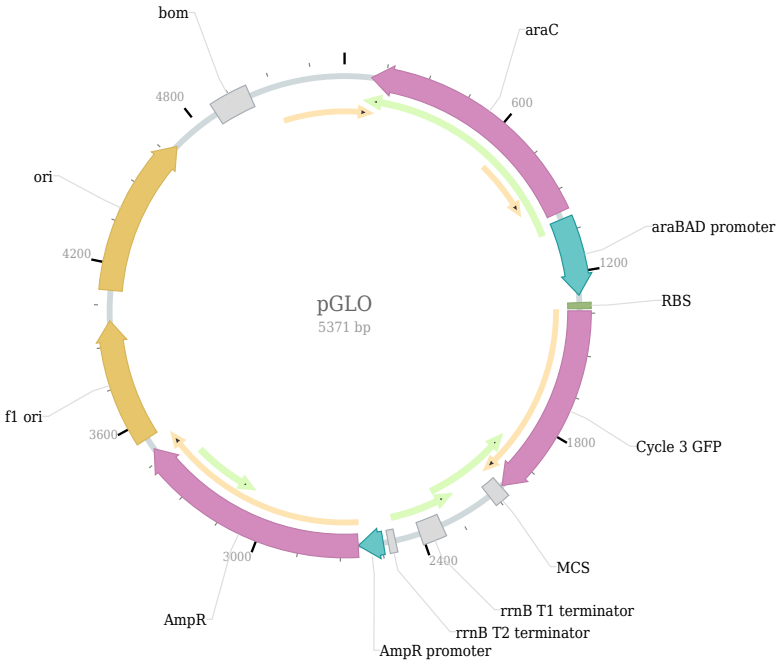
pGLO

载体编号 Vector ID	V012008
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5371 bp
载体类型 Vector Type	Fluorescent Protein Genes & Plasmids

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Bio-Rad
拷贝数 Copy Number	High copy number
启动子 Promoter	araBAD
备注 Comment	pGLO is an engineered teaching plasmid for bacterial transformation experiments. It carries the Aequorea victoria GFP gene under the arabinose-inducible araBAD promoter (regulated by AraC), a bla ampicillin-resistance marker, ori, and an MCS, allowing selection of transformants on ampicillin and induction of green fluorescence with arabinose.

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 ℃.