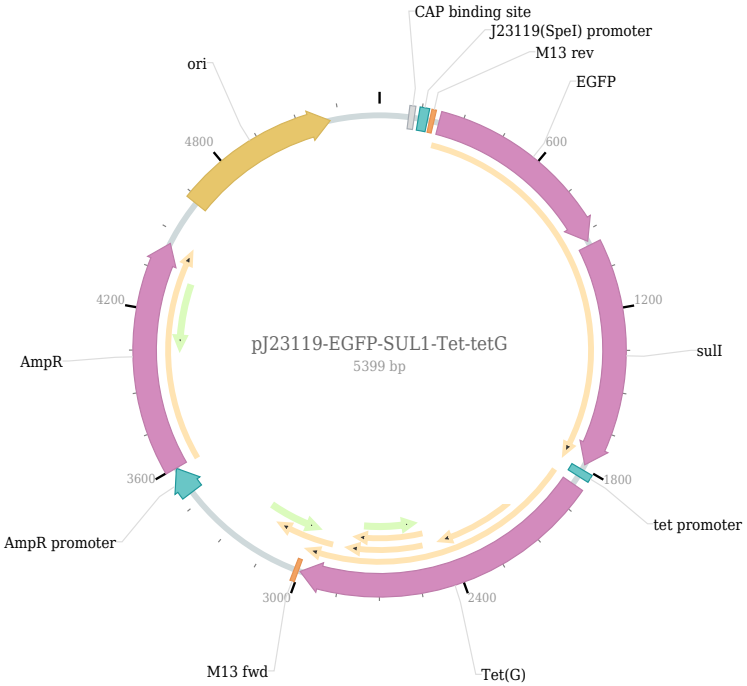
pJ23119-EGFP-SUL1-Tet-tetG

载体编号 Vector ID	V014234
抗性 Antibiotic Resistance	Ampicillin, Tetracycline
长度 Length	5399 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	J23119(SpeI)
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pJ23119-EGFP-pJ23119-SUL1-Tet-tetG is an E. coli synthetic-biology expression plasmid. A constitutive BBa_J23119 (SpeI-modified) promoter drives EGFP; the sulfonamide-resistance gene sulI (dihydropteroate synthase type-1) is fused to the C-terminal of EGFP, and a tet promoter directs a tetracycline-efflux (tetG) cassette. An AmpR/ColE1-pUC backbone (ampicillin resistance) enables propagation in DH5a.

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 ℃.