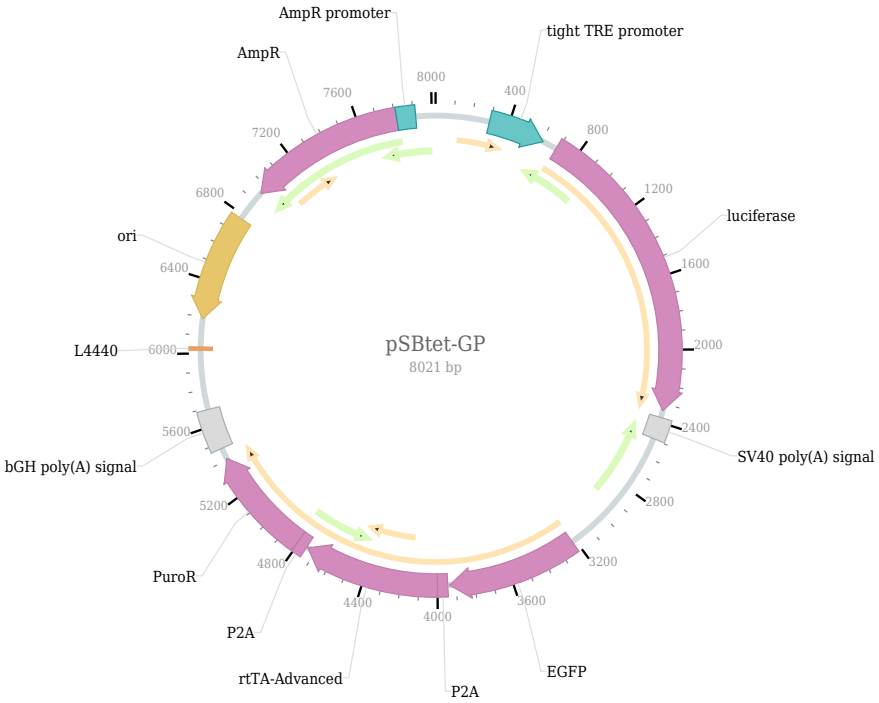
pSBtet-GP

载体编号 Vector ID	V006780
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8021 bp
载体类型 Vector Type	Mammalian Expression ; Transposon

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High Copy
启动子 Promoter	TCE & RPBSA
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	CCTGGAGCCAATTCCAACTCT
3' 引物 3' Primer	CACTGCATTCTTGTTGTGGTT
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	SB-Transposon with Inducible Cloning Site This transposon contains an inducible SfiI cloning site for insertion of genes of interest (GOIs). It also includes: 1. Firefly luciferase: A reporter gene for bioluminescent imaging 2. Constitutive GFP expression: Provides visualization of transduced cells 3. rtTA: A reverse tetracycline-controlled transcriptional activator for inducible GOI expression 4. Puromycin resistance gene: Confers resistance to puromycin for selection of transduced cells

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 ℃.