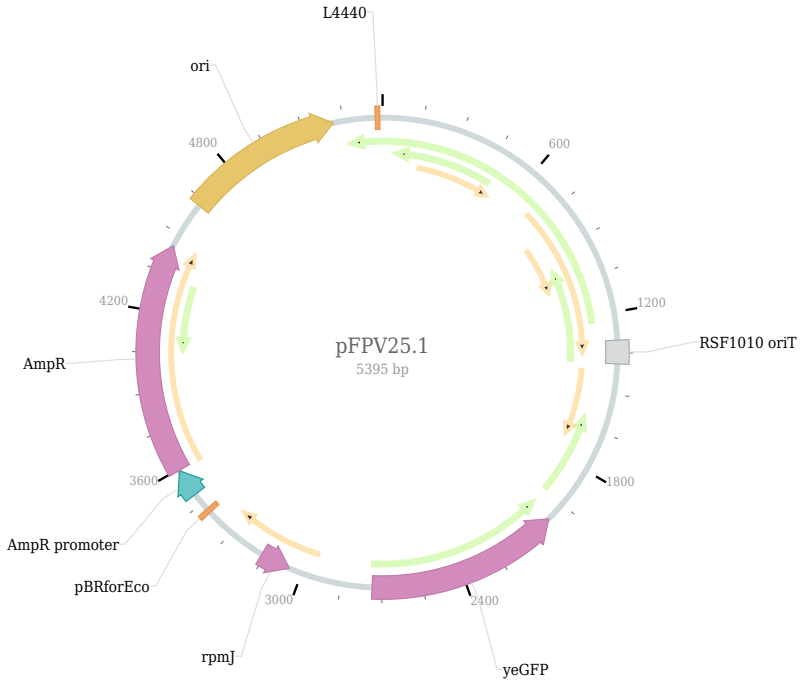
pFPV25.1

载体编号 Vector ID	V010594
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5395 bp
载体类型 Vector Type	Bacterial Expression

产品信息

复制子 Replication Origin	ori
克隆方法 Cloning Method	Restriction Enzyme
备注 Comment	pFPV25.1 is a bacterial promoter-trap vector. It carries the Salmonella typhimurium rpsM promoter driving a gfpmut3 (GFP) reporter – this promoter is not regulated by acidic conditions. The plasmid contains an ampicillin resistance gene (Ap), a colE1 origin, and a mob locus for conjugal transfer. Unique cloning sites upstream of the promoterless gfpmut3 allow insertion of test promoters, making it a versatile tool for monitoring bacterial gene expression.

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 ℃.