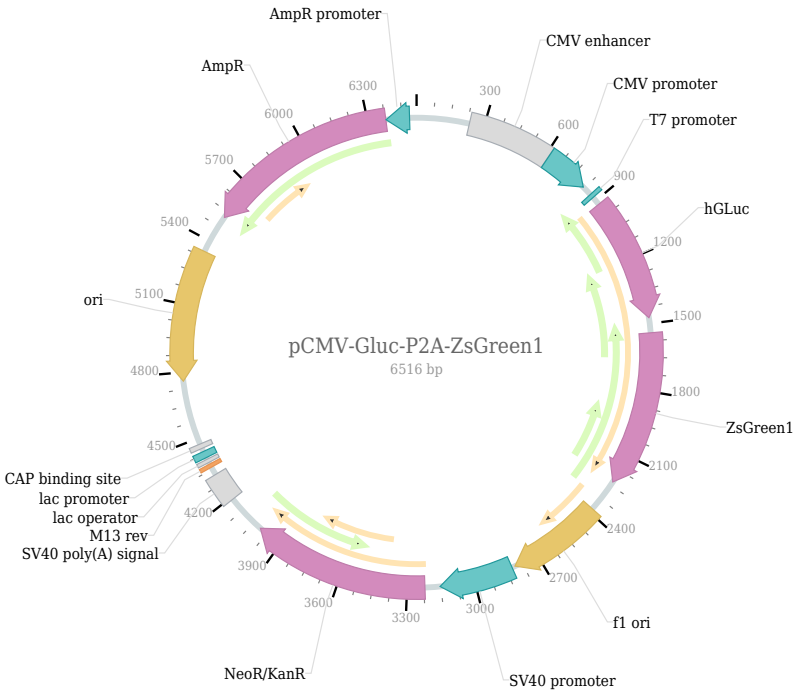
pCMV-Gluc-P2A-ZsGreen1

载体编号 Vector ID	V017671
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6516 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
5' 引物 5' Primer	f1 ori-R
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pCMV-Gluc-P2A-ZsGreen1 drives secretory Gluc for extracellular luminescence quantification and cytosolic ZsGreen1 for intracellular green fluorescence via P2A self-cleavage, enabling dual non-invasive detection in mammalian cells.The signal peptide of Gluc is MGVKVLFALICIAVAEA.

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 ℃.