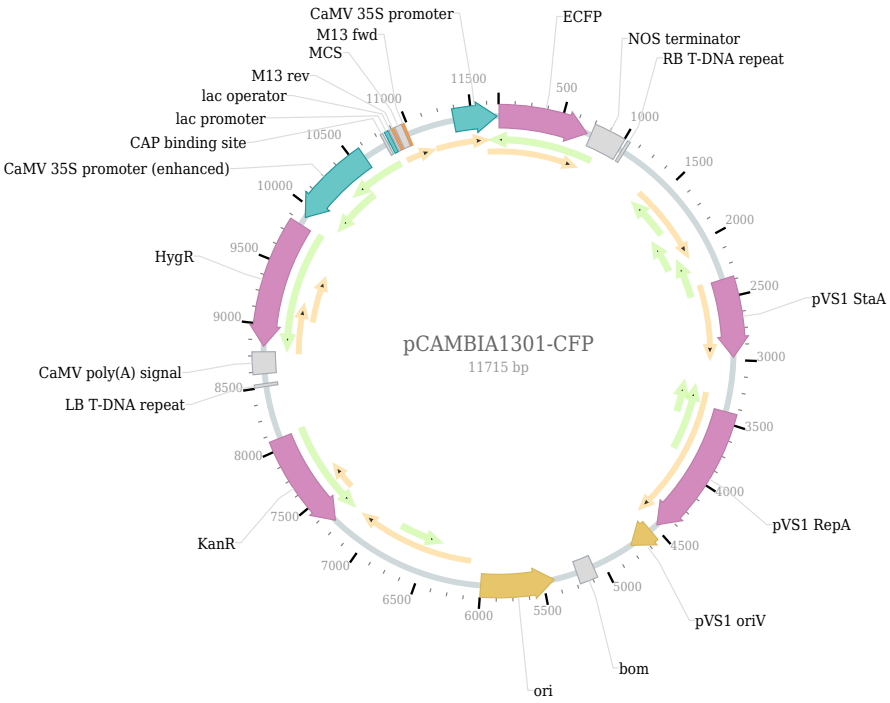
pCAMBIA1301-CFP

载体编号 Vector ID	V001313
抗性 Antibiotic Resistance	Kanamycin
长度 Length	11715 bp
载体类型 Vector Type	Plant Binary Expression Vectors
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	ECFP
启动子 Promoter	CaMV 35S (enhanced)
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pCAMBIA1301-CFP is a plant binary expression vector of approximately 10.5 kb, derived from the pCAMBIA1301 backbone. It contains a kanamycin resistance gene for bacterial selection and a hygromycin resistance marker for selecting transformed plants. Its key feature is the Enhanced Cyan Fluorescent Protein (ECFP) reporter gene, which allows for visual tracking of gene expression in plant 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 ℃.