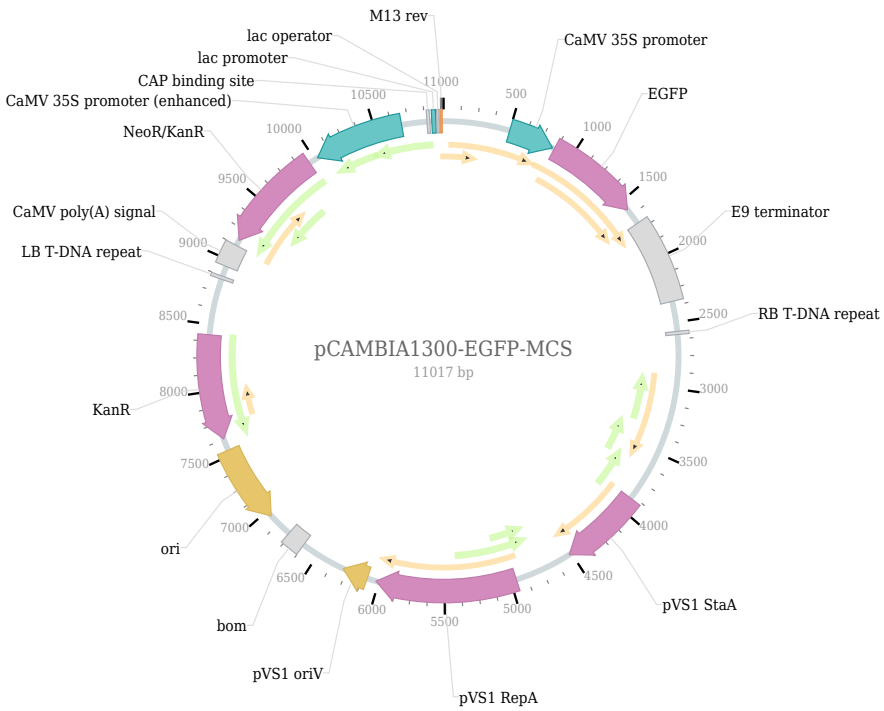
pCAMBIA1300-EGFP-MCS

载体编号 Vector ID	V013496
抗性 Antibiotic Resistance	Kanamycin
长度 Length	11017 bp
载体类型 Vector Type	Protein expression
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
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	This is an 11017 bp binary vector, pCAMBIA1300-EGFP-MCS, designed for plant transformation. It features the CaMV 35S promoter driving EGFP expression, flanked by T-DNA repeats for genomic integration. The MCS allows for cloning target genes. It includes KanR for bacterial selection and NeoR/KanR for plant selection, replicating in both E. coli and Agrobacterium via pVS1 and bacterial origins.

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 ℃.