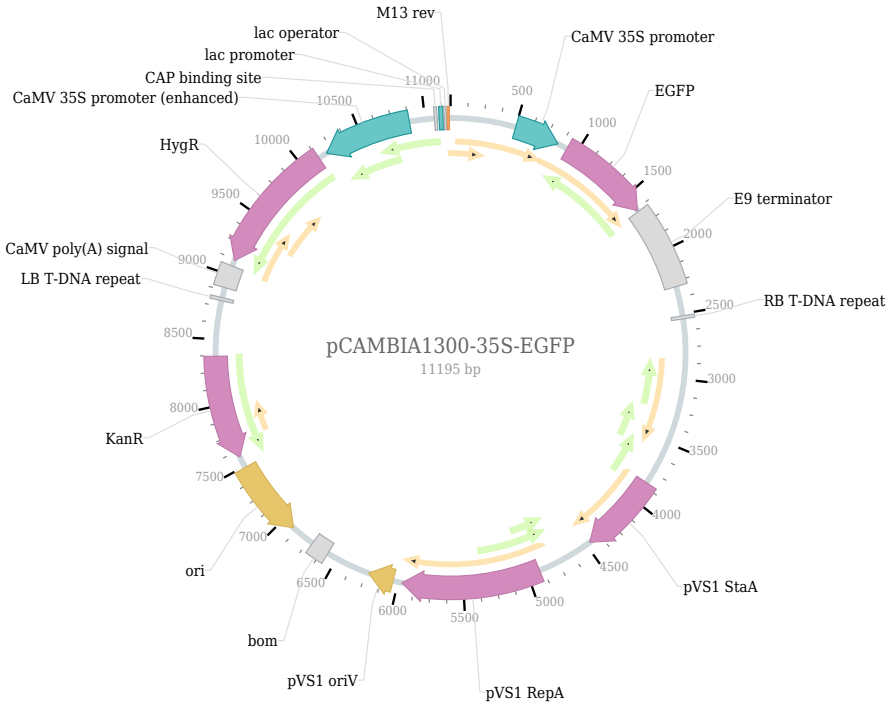
pCAMBIA1300-35S-EGFP

Vector ID	V013557
Antibiotic Resistance	Kanamycin
Length	11195 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	CaMV35S(long)
Fusion Tag	EGFP
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAMBIA1300-35S-EGFP is 11,195 bp plant expression vector. It utilizes the CaMV 35S promoter for high-level gene expression and contains an EGFP reporter gene for visualization. The vector is delivered via Agrobacterium-mediated transformation, with kanamycin resistance for bacterial selection and hygromycin B resistance for selecting transgenic plants.

Vector Map



Plasmid Resuspension Protocol

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 ℃.