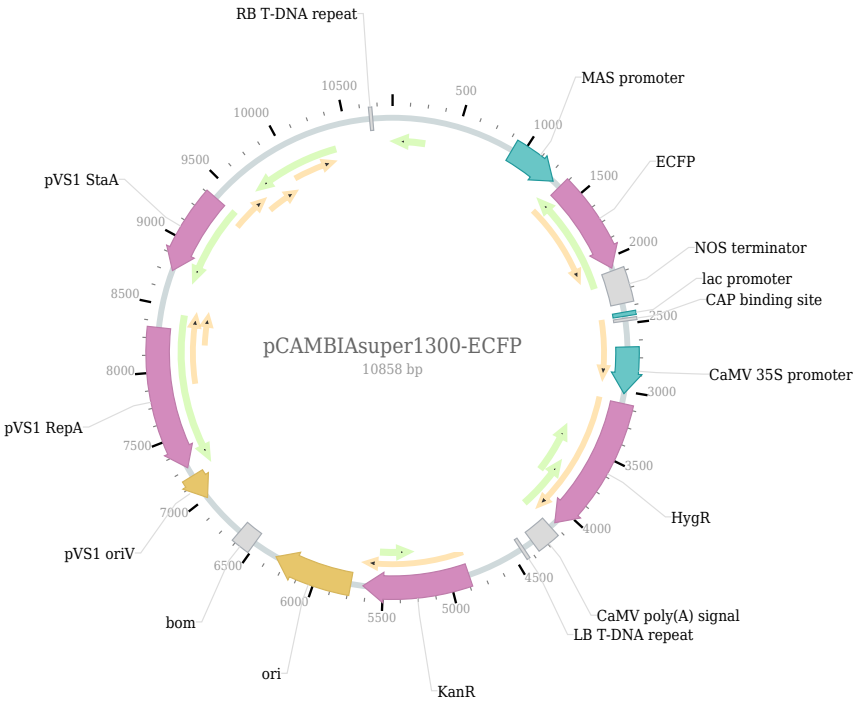
pCAMBIAsuper1300-ECFP

Vector ID	V017611
Antibiotic Resistance	Kanamycin
Length	10858 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	MAS
3' Primer	NOS-R
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	It is designed for constitutive expression of the ECFP reporter gene, driven by the CaMV 35S promoter. The vector utilizes the MAS promoter to drive the HygR selection marker and contains RB and LB T-DNA repeats for plant transformation. It also features an ori and KanR for bacterial replication and selection.

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 ℃.