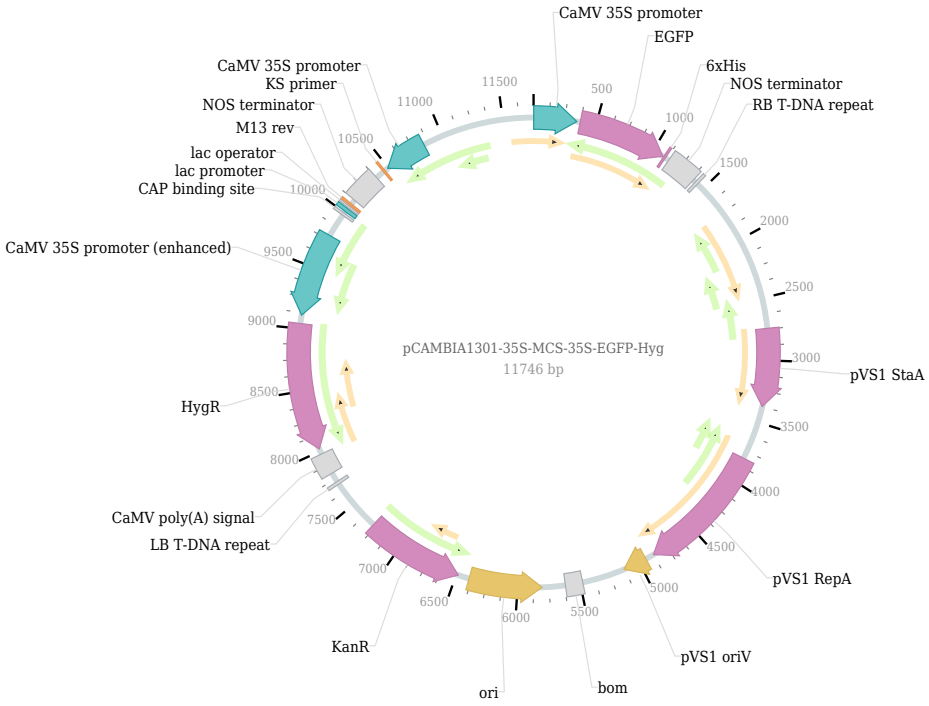
pCAMBIA1301-35S-MCS-35S-EGFP-Hyg

Vector ID	V014294
Antibiotic Resistance	Kanamycin
Length	11746 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	CaMV35S(long)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAMBIA1301-35S-MCS-35S-EGFP-Hyg is a binary vector for Agrobacterium-mediated plant transformation. It features EGFP as a visual reporter and hygromycin resistance as a selectable marker, both driven by constitutive 35S promoters, for generating and screening 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 ℃.