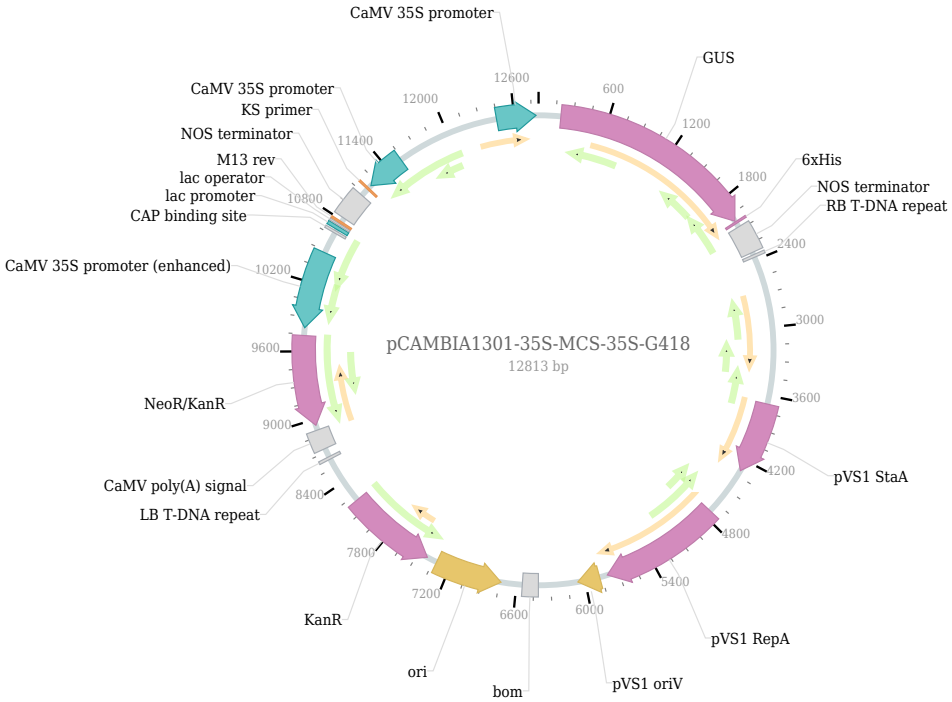
pCAMBIA1301-35S-MCS-35S-G418

Vector ID	V013537
Antibiotic Resistance	Kanamycin
Length	12813 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CaMV35S(long)
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pCAMBIA1301-35S-MCS-35S-G418 is a pCAMBIA1301-derived plant binary vector with dual CaMV 35S promoters driving MCS gene expression and G418 (nptII) selection, for plant gene overexpression.

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 ℃.