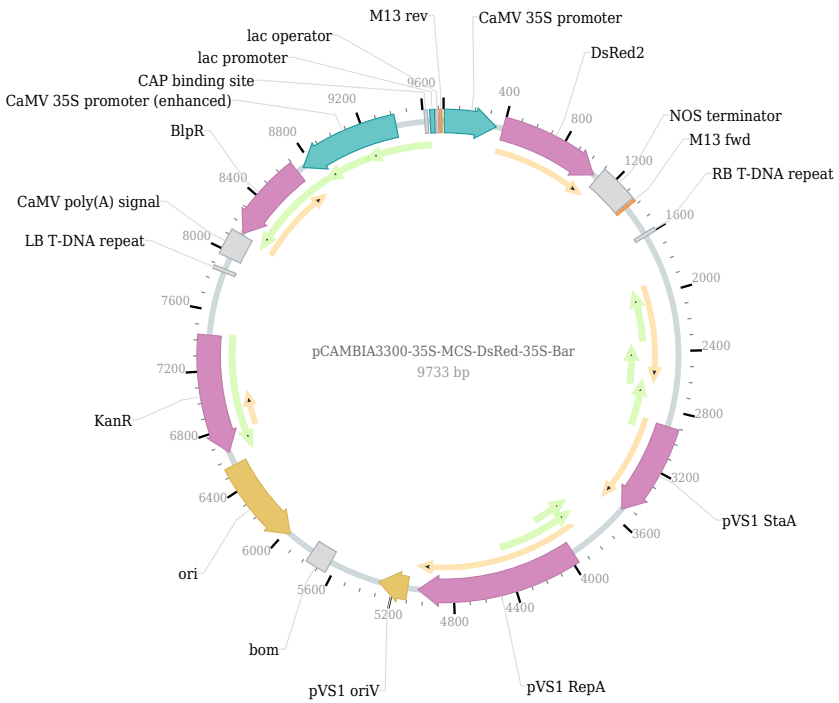
pCAMBIA3300-35S-MCS-DsRed-35S-Bar

Vector ID	V017605
Antibiotic Resistance	Kanamycin
Length	9733 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Bar
Promoter	35S
3' Primer	NOS-R
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAMBIA3300-35S-MCS-DsRed-35S-Bar is an Agrobacterium binary expression construct derived from the pCAMBIA3300 backbone. A cassette containing a CaMV 35S promoter, a residual multiple cloning site, the DsRed2 coding sequence, and a NOS terminator was inserted. The backbone retains pVS1/ColE1 replicons, KanR, the T-DNA borders, and a 2×35S-driven bar gene for plant 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 ℃.