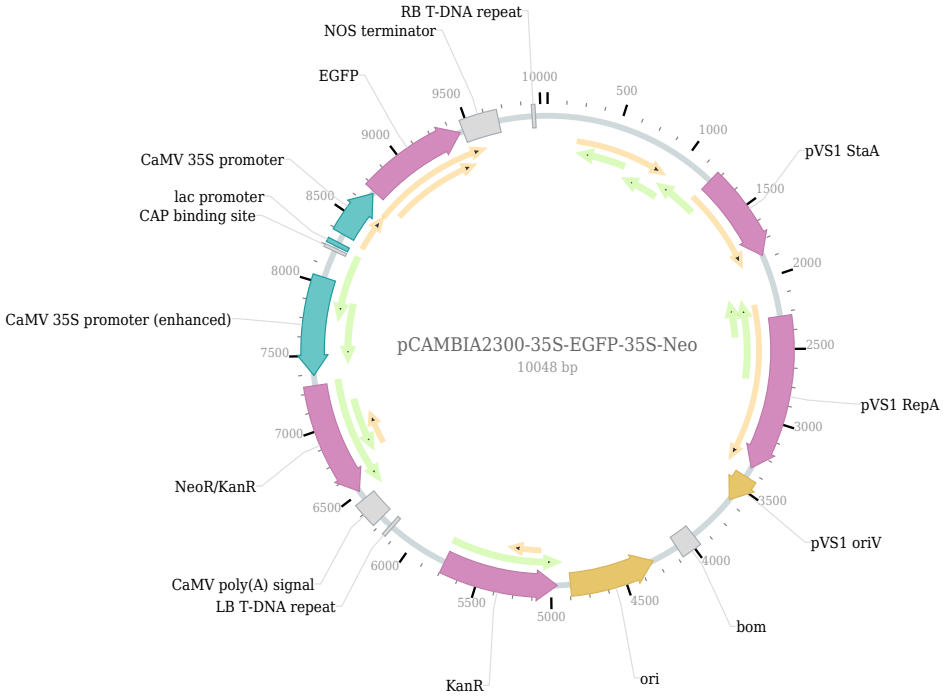
pCAMBIA2300-35S-EGFP-35S-Neo

Vector ID	V013661
Antibiotic Resistance	Kanamycin
Length	10048 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CaMV35S(enhanced)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pCAMBIA2300-35S-EGFP-35S-Neo plasmid is a plant binary vector for Agrobacterium-mediated transformation. It utilizes dual 35S promoters to drive high-level constitutive expression of the EGFP reporter gene and the neomycin resistance (Neo) selectable marker, enabling both visualization and kanamycin-based selection of 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 ℃.