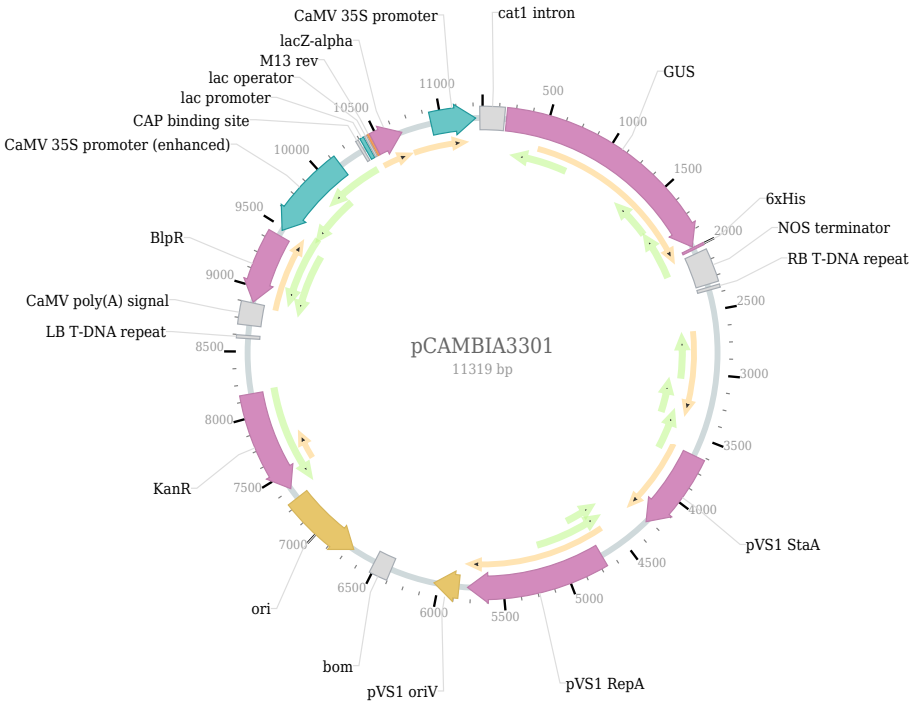
pCAMBIA3301

Vector ID	V010868
Antibiotic Resistance	Kanamycin
Length	11319 bp
Vector Type	Plant Vectors
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Cambia
Copy Number	High copy number
Promoter	CaMV35S(short)
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	DH10B
Comment	The pCAMBIA3301 vector is a binary plasmid specifically designed for plant transformation via Agrobacterium. It features resistance markers for both bialaphos/phosphinothricin and kanamycin, and includes the GUS reporter gene.

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 ℃.