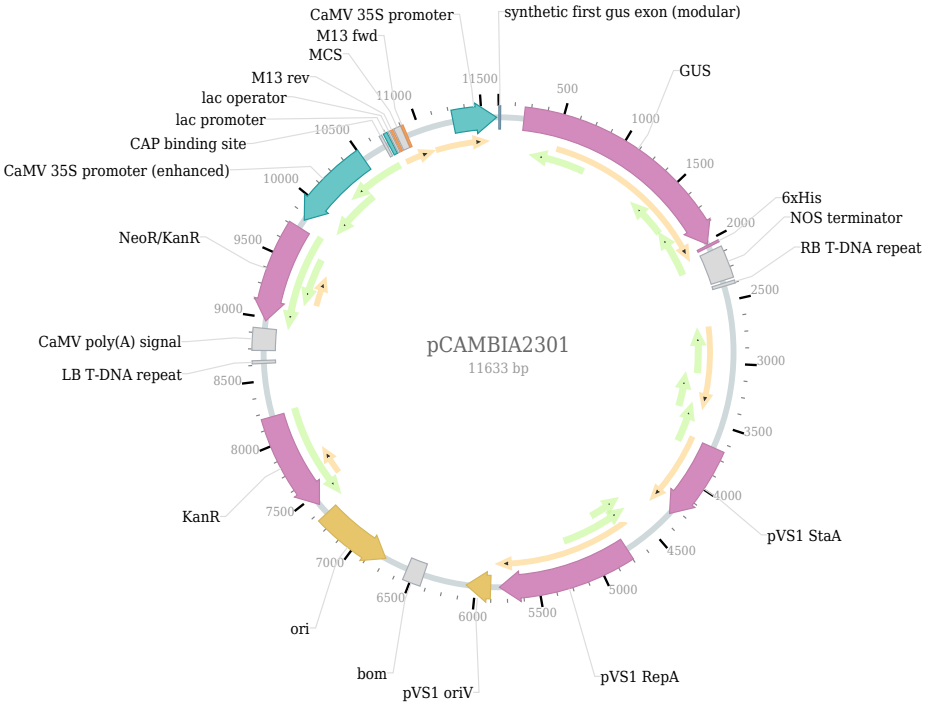
pCAMBIA2301

Vector ID	V008744
Antibiotic Resistance	Kanamycin
Length	11633 bp
Vector Type	Binary vector
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Hajdukiewicz P, Svab Z, Maliga P.
Promoter	CaMV35S(short)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pCAMBIA2301 is a classic agrobacterium binary vector for plant transformation, with kanamycin-resistance and GUS genes.

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 ℃.