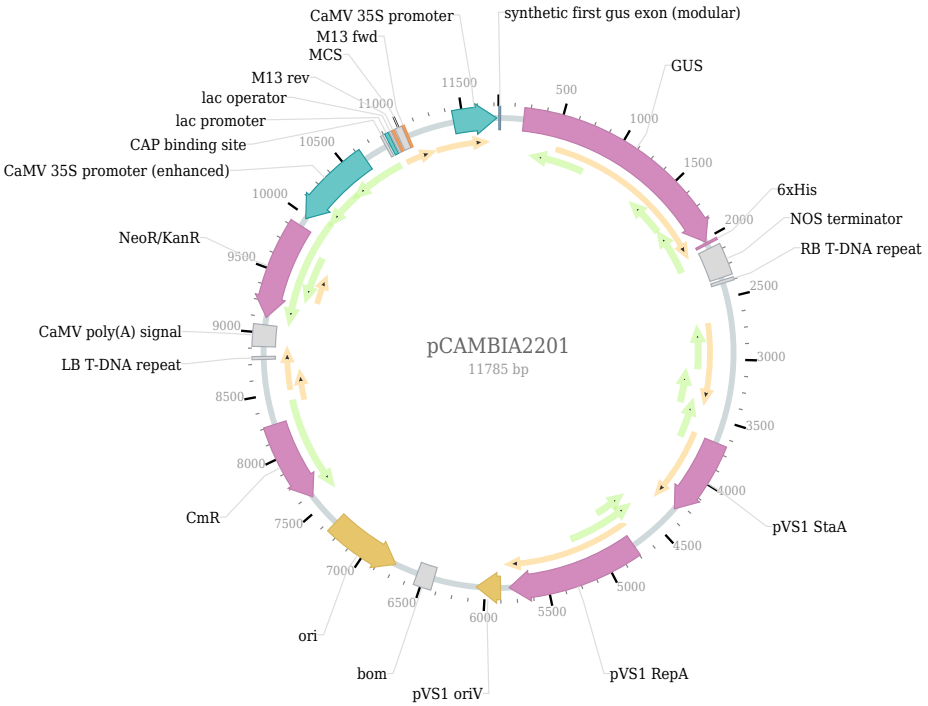
pCAMBIA2201

Vector ID	V008746
Antibiotic Resistance	Chloramphenicol
Length	11785 bp
Vector Type	Binary vector
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Hajdukiewicz P, Svab Z, Maliga P.
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	CaMV 35S (enhanced)
5' Primer	M13 fwd
3' Primer	M13 rev
Comment	pCAMBIA2201 is a CAMBIA plant binary vector with CaMV 35S promoter, GUS reporter, and nptII kanamycin selection, widely used for Agrobacterium-mediated plant transformation and gene expression studies.

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 ℃.