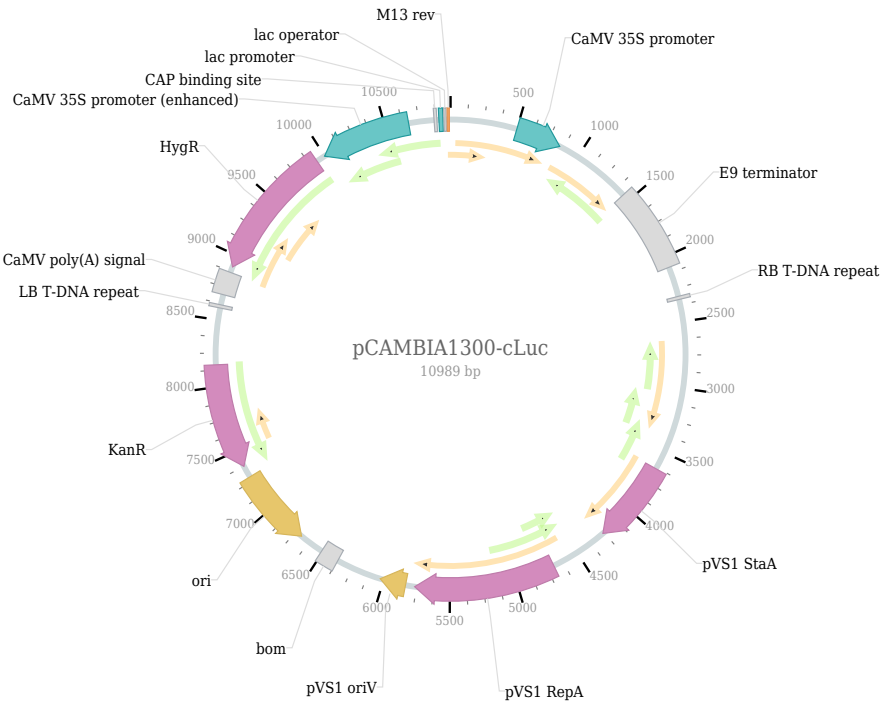
pCAMBIA1300-cLuc

Vector ID	V014944
Antibiotic Resistance	Kanamycin
Length	10989 bp
Vector Type	Bioluminescence resonance energy transfer (BRET)
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	CaMV 35S (enhanced)
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pCAMBIA1300-cLuc is a plant luciferase reporter vector based on pCAMBIA1300, with CaMV 35S promoter driving firefly luciferase (cLuc), used for promoter activity and transcriptional regulation analysis.

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 ℃.