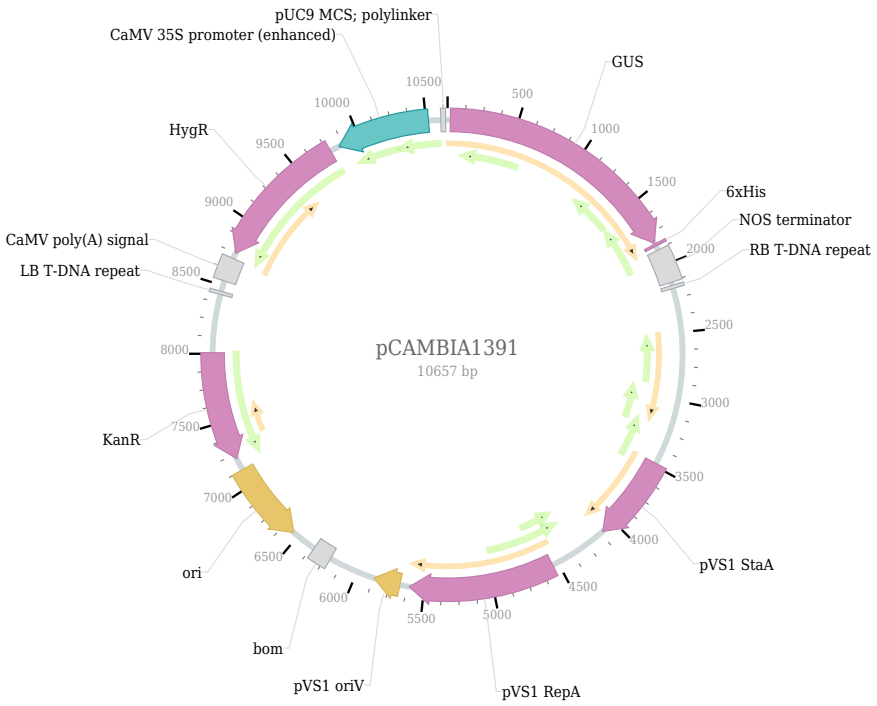
pCAMBIA1391

Vector ID	V008752
Antibiotic Resistance	Kanamycin
Length	10657 bp
Vector Type	Binary vector

Product Information

Replication Origin	ori
Source/Author	Hajdukiewicz P, Svab Z, Maliga P.
Growth Strain(s)	Top10
Comment	pCAMBIA1391 is an Agrobacterium-compatible dual-purpose vector containing a GUS reporter gene and a hygromycin resistance selection marker, supporting promoter activity analysis and gene overexpression validation.

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 ℃.