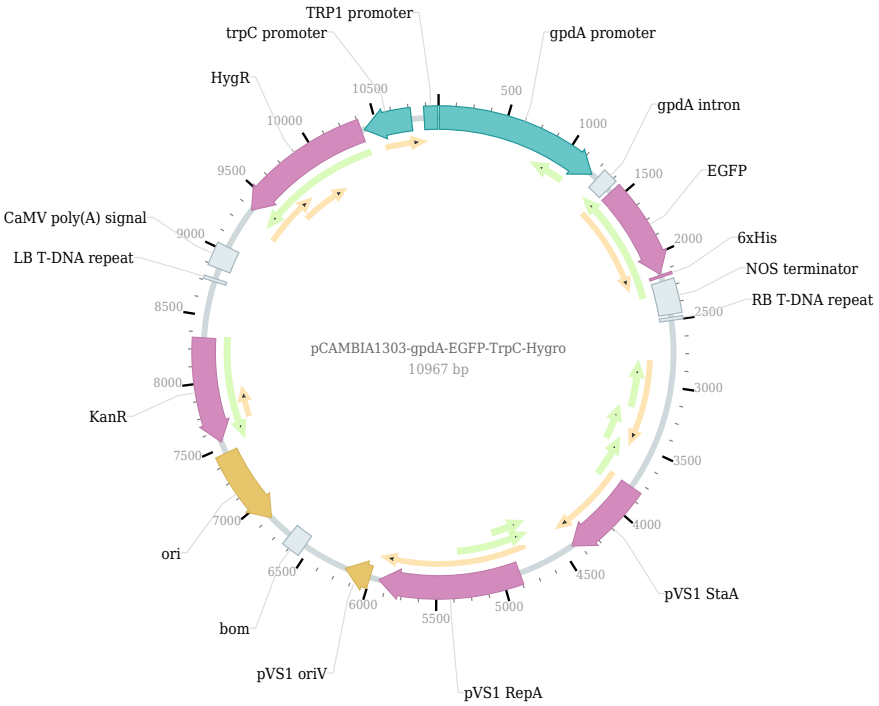
pCAMBIA1303-gpdA-EGFP-TrpC-Hygro

Vector ID	V013856
Antibiotic Resistance	Kanamycin
Length	10967 bp
Vector Type	Protein expression
Host	Hyphal fungi

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	trpC
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pCAMBIA1303-gpdA-EGFP-TrpC-Hygro is a binary vector for Agrobacterium-mediated transformation. It uses the gpdA promoter to drive EGFP expression and the TrpC promoter for hygromycin resistance, facilitating gene expression and visual tracking in fungal or plant cells.

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 ℃.