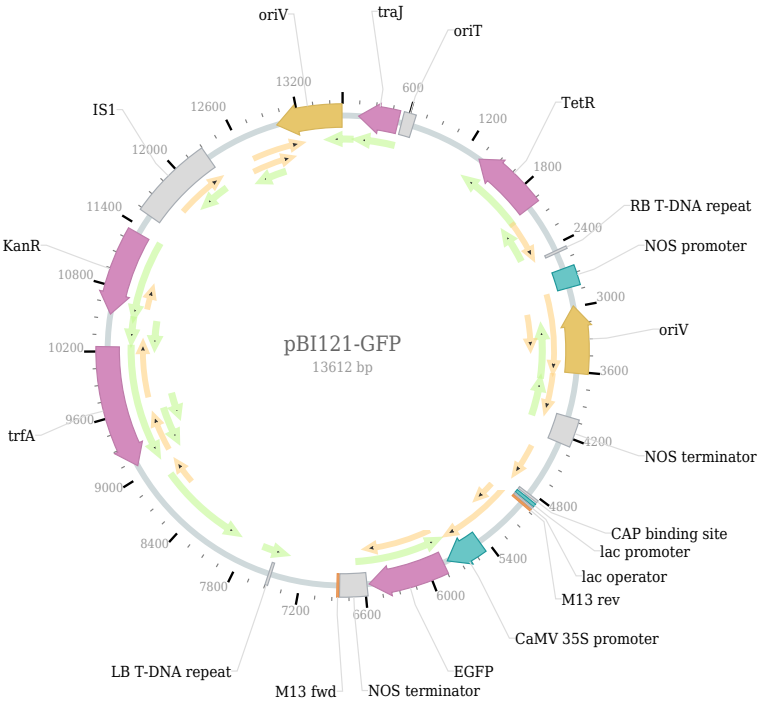
pBI121-GFP

Vector ID	V012573
Antibiotic Resistance	Kanamycin
Length	13612 bp
Vector Type	Plant Binary Expression Vectors
Host	Plants

Product Information

Replication Origin	oriV
Selection Marker	EGFP
Promoter	CaMV35S(long)
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pBI121-GFP is a plant binary Ti vector derived from pBI121, where the GUS reporter is replaced by the GFP gene. It uses the CaMV 35S promoter to drive GFP expression in transformed plant tissues and contains kanamycin resistance for selection in both E. coliand plants.

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 ℃.