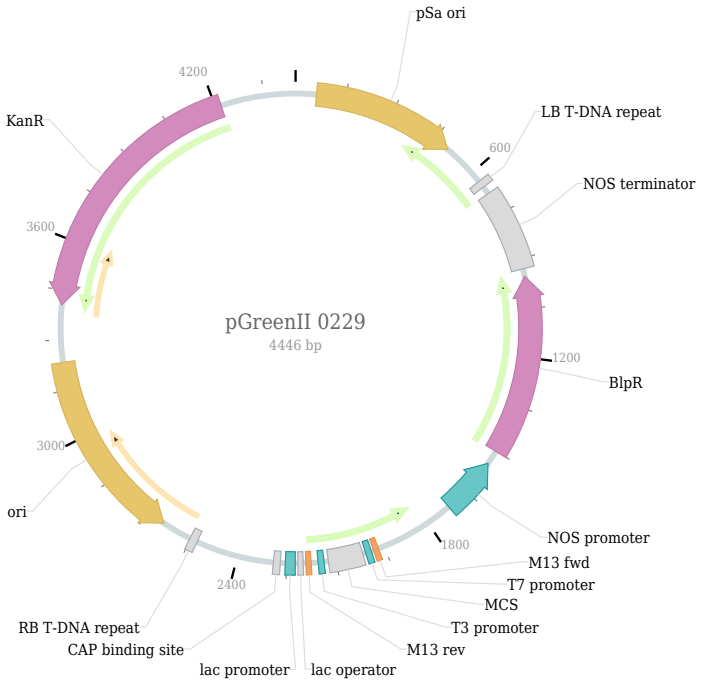
pGreenII 0229

Vector ID	V010846
Antibiotic Resistance	Kanamycin
Length	4446 bp
Vector Type	Plant Vectors

Product Information

Replication Origin	pSa ori
Source/Author	Hellens RP, Edwards EA, Leyland NR, Bean S, Mullineaux PM.
Copy Number	High copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	Top10
Comment	pGreenII 0229, functioning as a dual-expression vector carrying the target gene and bar selection marker, was introduced into tobacco leaves via Agrobacterium-mediated transformation. Gene expression and function were verified using the GUS reporter gene.

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 ℃.