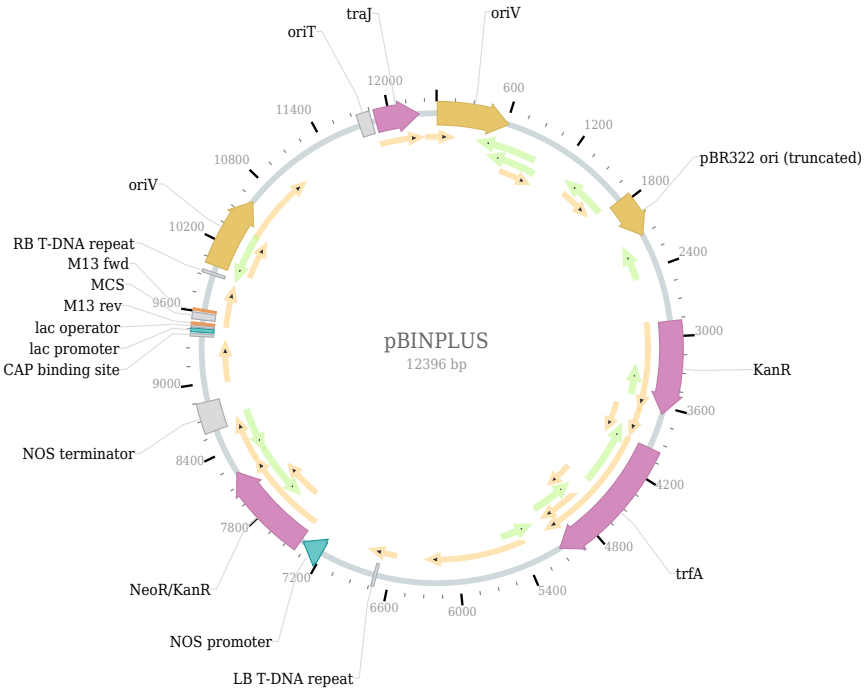
pBINPLUS

Vector ID	V010906
Antibiotic Resistance	Kanamycin
Length	12396 bp
Vector Type	Plant Vectors
Host	Plants

Product Information

Replication Origin	oriV
Source/Author	van Engelen FA, Molthoff JW, Conner AJ, Nap JP, Pereira A, Stiekema
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	NOS
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pBINPLUS is an improved plant binary vector derived from pBIN19, featuring multiple cloning sites and kanamycin selection, widely used for Agrobacterium-mediated plant genetic transformation.

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 ℃.