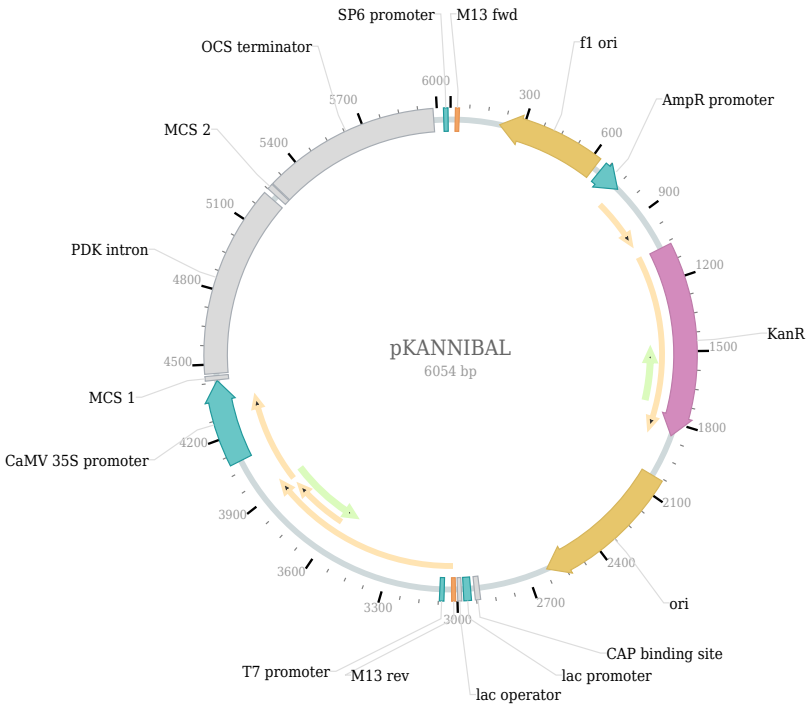
pKANNIBAL

Vector ID	V010838
Antibiotic Resistance	Kanamycin
Length	6054 bp
Vector Type	Plant Vectors
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Wesley SV, Helliwell CA, Smith NA, Wang MB, Rouse DT, Liu Q, Gooding
Copy Number	High copy number
Promoter	CaMV 35S
Growth Strain(s)	DH10B
Comment	pKANNIBAL, as an RNAi vector, efficiently induces plant gene silencing by constructing an intron-containing hairpin structure, significantly enhancing both the proportion and intensity of silencing. It provides a crucial tool for plant gene function research.

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 ℃.