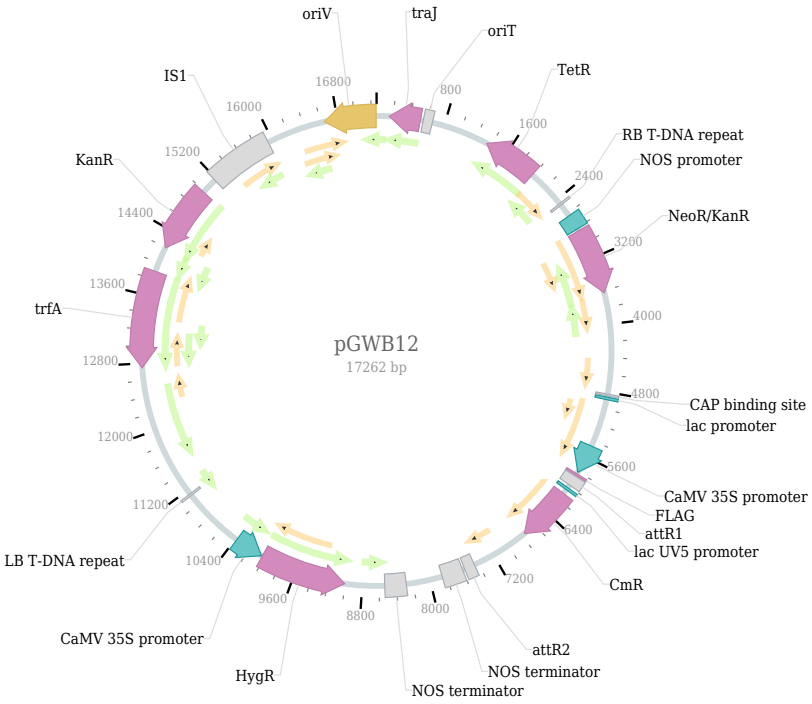
pGWB12

载体编号 Vector ID	V013445
抗性 Antibiotic Resistance	Kanamycin
长度 Length	17262 bp
载体类型 Vector Type	Protein expression
宿主 Host	Plants

产品信息

复制子 Replication Origin	oriV
筛选标记 Selection Marker	Hyg,Neo/G418
启动子 Promoter	CaMV35S(long)
培养菌株 Growth Strain(s)	DB3.1
培养温度 Growth Temperature	37℃
备注 Comment	pGWB12 (Nakagawa et al. 2007) is a Gateway binary T-DNA vector for Agrobacterium-mediated plant transformation. The CaMV35S promoter drives N-terminal FLAG fusion of the gene of interest via attR1-ccdB-attR2 recombination (propagate in DB3.1 with kanamycin). The T-DNA carries HPT and nptII, allowing hygromycin or kanamycin plant selection.

质粒图谱



复溶方法

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 ℃.