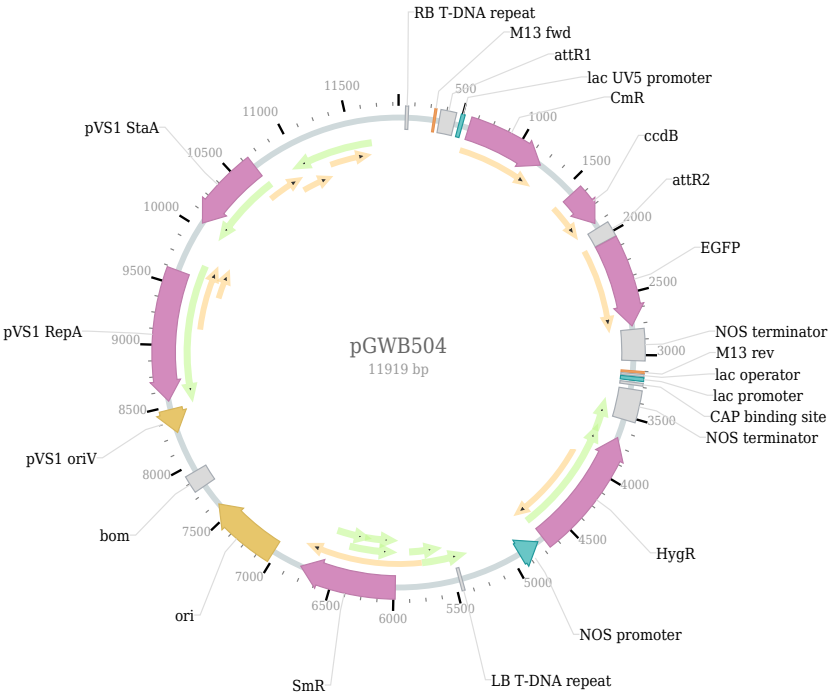
pGWB504

载体编号 Vector ID	V005799
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	11919 bp
载体类型 Vector Type	Gateway binary vector
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Nakagawa T, Suzuki T, Murata S, Nakamura S, Hino T, Maeo K, Tabata R, Kawai T, Tanaka K, Niwa Y, Watanabe Y, Nakamura K, Kimura T, Ishiguro S.
拷贝数 Copy Number	High copy number
启动子 Promoter	NOS
培养菌株 Growth Strain(s)	DB3.1
备注 Comment	pGWB504 belongs to the pGWB500 series with hygromycin resistance for plant screening. It is promoter-free and generates C-terminal sGFP fusions with target genes via Gateway LR recombination. Derived from compact pPZP221 backbone, this high-copy plasmid simplifies plasmid extraction and sequencing. It is widely applied to analyze native protein subcellular localization driven by endogenous promoters in plants.

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 ℃.