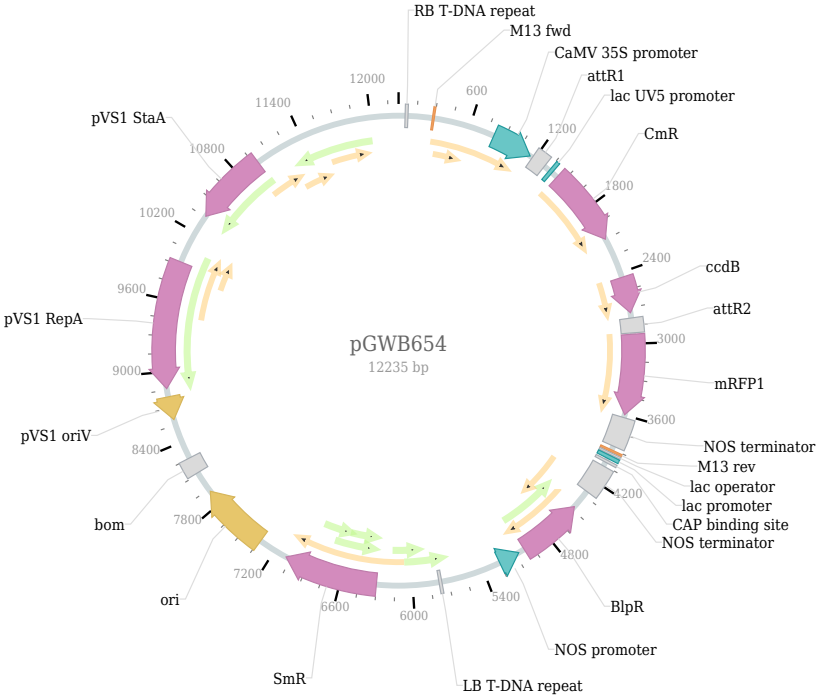
pGWB654

载体编号 Vector ID	V005706
抗性 Antibiotic Resistance	Streptomycin
长度 Length	12235 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	Nakamura S, Mano S, Tanaka Y, Ohnishi M, Nakamori C, Araki M, Niwa T, Nishimura M, Kaminaka H, Nakagawa T, Sato Y, Ishiguro S.
启动子 Promoter	CaMV35S(long)
备注 Comment	pGWB654 (pGWB600 series, Nakamura et al. 2010) is a Gateway binary vector for CaMV35S-driven overexpression of C-terminal mRFP fusion proteins in plants. LR recombination of an entry ORF at attR1-ccdB-attR2 yields GOI-mRFP for subcellular localization studies. The pPZP backbone (pVS1 ori) provides bar/BASTA plant selection and spectinomycin/streptomycin resistance in E. coli (DB3.1).

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 ℃.