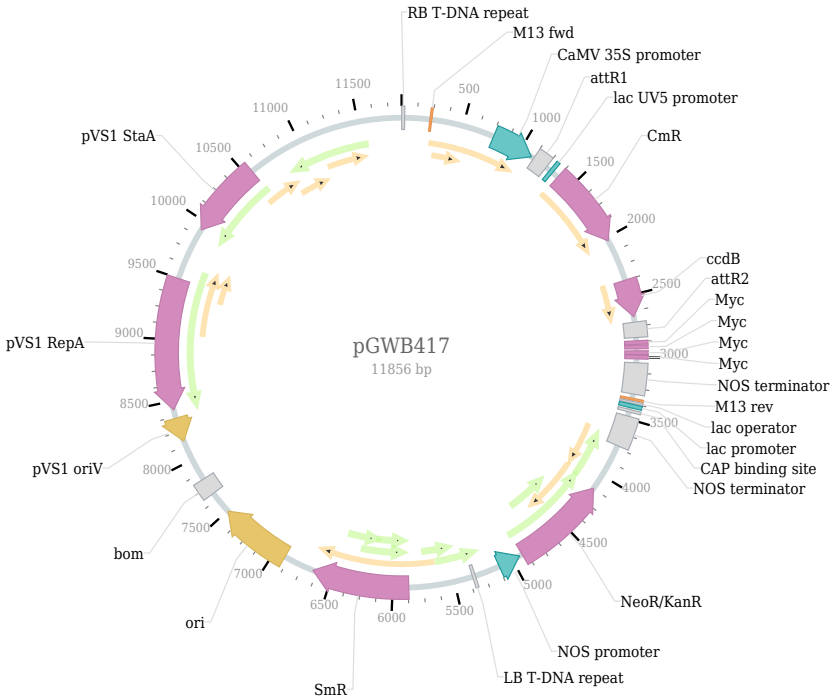
pGWB417

载体编号 Vector ID	V005842
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	11856 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.
启动子 Promoter	CaMV35S(long)
培养菌株 Growth Strain(s)	DB3.1
备注 Comment	pGWB417 belongs to the improved pGWB400 Gateway binary vector series carrying kanamycin plant selection marker. It contains CaMV 35S promoter and enables constitutive C-terminal fusion of target proteins with 4Myc epitope tag in plants. This high-copy pPZP-backbone vector supports efficient Gateway LR recombination without linearization beforehand. It is widely used for immunodetection and co-purification assays of plant interacting proteins.

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 ℃.