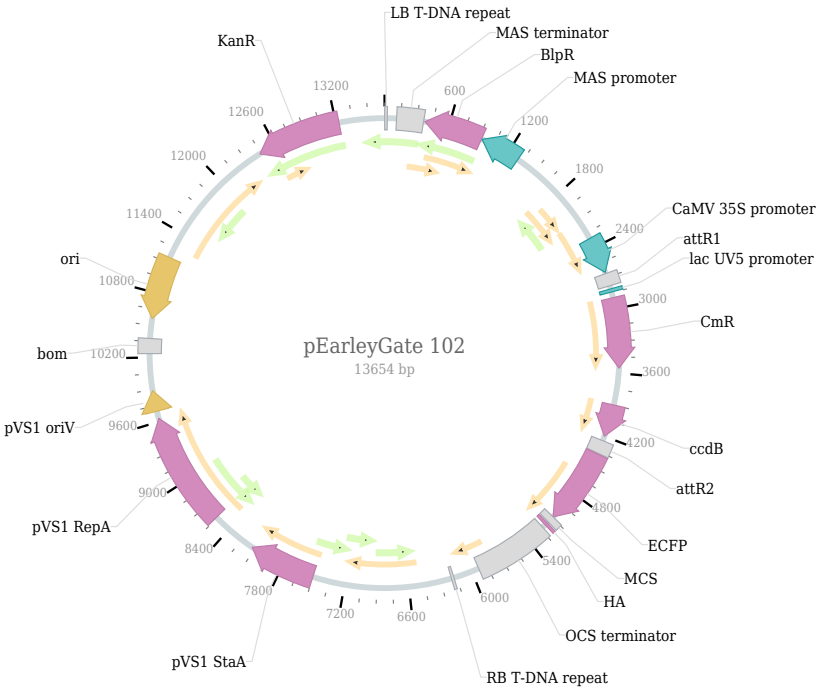
pEarleyGate 102

载体编号 Vector ID	V010864
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	13654 bp
载体类型 Vector Type	Plant Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Earley KW, Haag JR, Pontes O, Opper K, Juehne T, Song K, Pikaard CS.
拷贝数 Copy Number	High copy number
启动子 Promoter	MAS
培养菌株 Growth Strain(s)	DB3.1
培养温度 Growth Temperature	37℃
备注 Comment	pEarleyGate 102 is a Gateway-compatible plant binary vector designed for Agrobacterium-mediated transformation. It allows for the generation of N- or C-terminal epitope-tagged fusion proteins (such as HA, FLAG, cMyc, or AcV5) under the control of the CaMV 35S promoter. This vector is part of the pEarleyGate series and is widely used for transient or stable expression studies, facilitating protein localization, immunoprecipitation, and affinity purification in diverse plant tissues.

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 ℃.