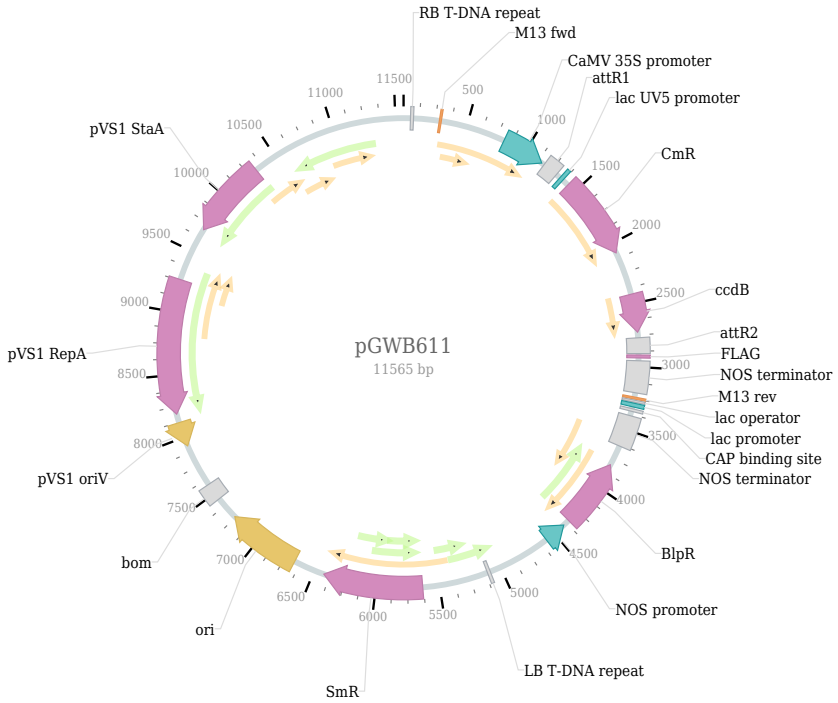
pGWB611

载体编号 Vector ID	V005737
抗性 Antibiotic Resistance	Streptomycin
长度 Length	11565 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)
培养菌株 Growth Strain(s)	DB3.1
备注 Comment	pGWB611 is a Gateway binary vector designed for plant transformation, featuring the bialaphos resistance gene (bar) as a selection marker for successful selection of transformed cells using BASTA® or glufosinate-ammonium. The vector contains the Pnos:bar:Tnos marker in reverse orientation relative to the cloned gene, providing compatibility with pGWB and R4pGWB vectors carrying kanamycin or hygromycin B resistance. pGWB611 is part of a series of vectors that enable the creation of fusion constructs with various reporter genes and tags, facilitating transgenic experiments under standardized conditions.

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 ℃.