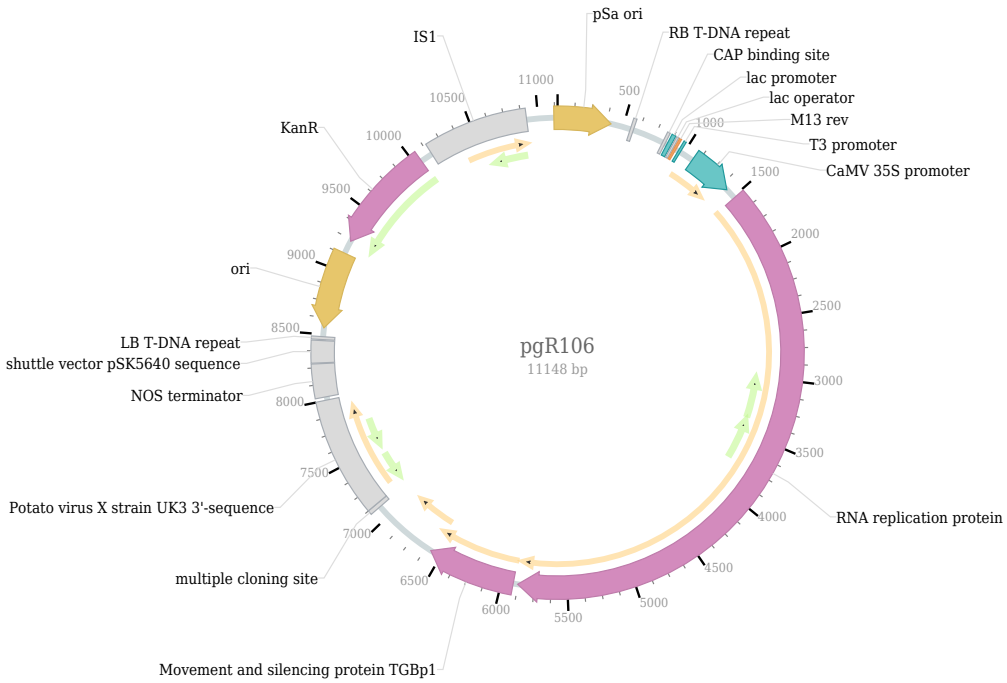
pgR106

载体编号 Vector ID	V005901
抗性 Antibiotic Resistance	Kanamycin
长度 Length	11148 bp
载体类型 Vector Type	Transformation vector
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Lu R, Malcuit I, Moffett P, Ruiz MT, Peart J, Wu AJ, Rathjen JP, Bendahmane A, Day L, Baulcombe DC.
启动子 Promoter	CaMV 35S
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pGR106 is a plant expression vector based on the potato virus X (PVX) system. It contains a 35S promoter, an intron for enhanced expression, and a GFP reporter gene, commonly used for virus-induced gene silencing (VIGS) and protein expression studies 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 ℃.