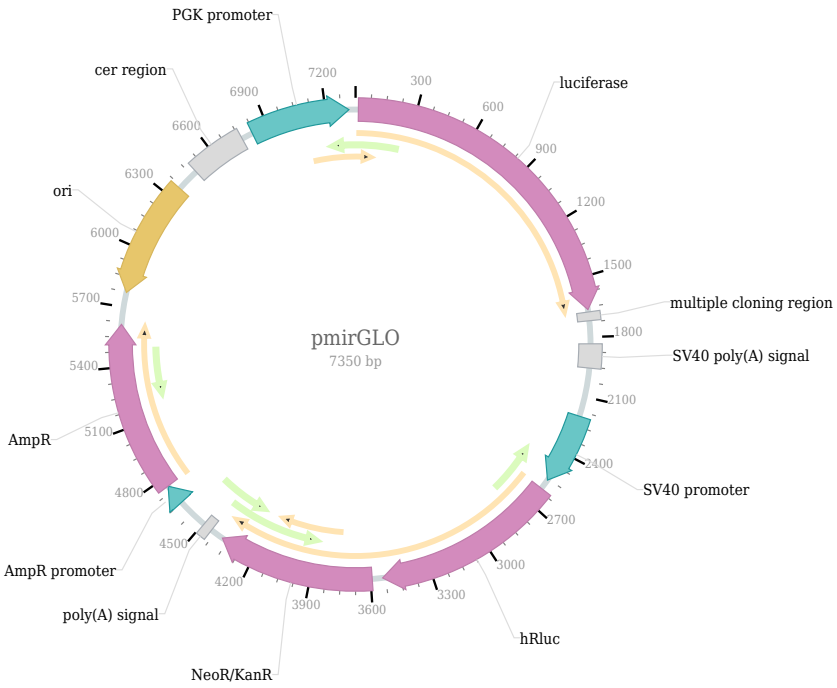
pmirGLO

载体编号 Vector ID	V011462
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7350 bp
载体类型 Vector Type	Luciferase Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Promega
筛选标记 Selection Marker	Neomycin/G418(Geneticin)
拷贝数 Copy Number	High copy number
启动子 Promoter	mPGK
备注 Comment	The pmirGLO Vector was designed to quantitatively assess miRNA activity, which is achieved by inserting the target sequence of the miRNA downstream or at the 3' end of the firefly luciferase gene (luc2). Reduced expression of firefly luciferase, the primary reporter gene, implies that endogenous or exogenously introduced miRNAs bind to the target sequence of the cloned miRNA. This vector is based on Promega's dual reporter gene technology, with the firefly luciferase gene (luc2) as the primary reporter gene to monitor mRNA regulation and the sea kidney luciferase gene (hRluc-neo) as the control reporter gene for normalization and positive screening.

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 ℃.