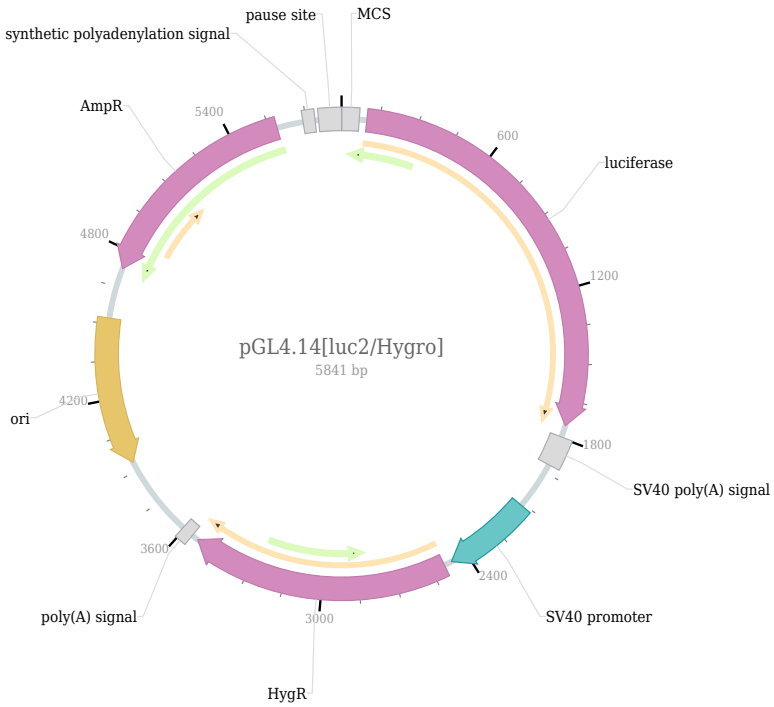
pGL4.14[luc2/Hygro]

载体编号 Vector ID	V011536
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5841 bp
载体类型 Vector Type	Luciferase Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Promega
拷贝数 Copy Number	High copy number
启动子 Promoter	SV40
培养菌株 Growth Strain(s)	DH10B
备注 Comment	It is designed for constitutive expression of the luc2 firefly luciferase reporter gene, driven by the strong CMV promoter. For antibiotic selection, it incorporates the HygR (Hygromycin resistance) gene under the SV40 promoter. The vector also contains an MCS for custom cloning and features the AmpR gene for bacterial propagation.

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 ℃.