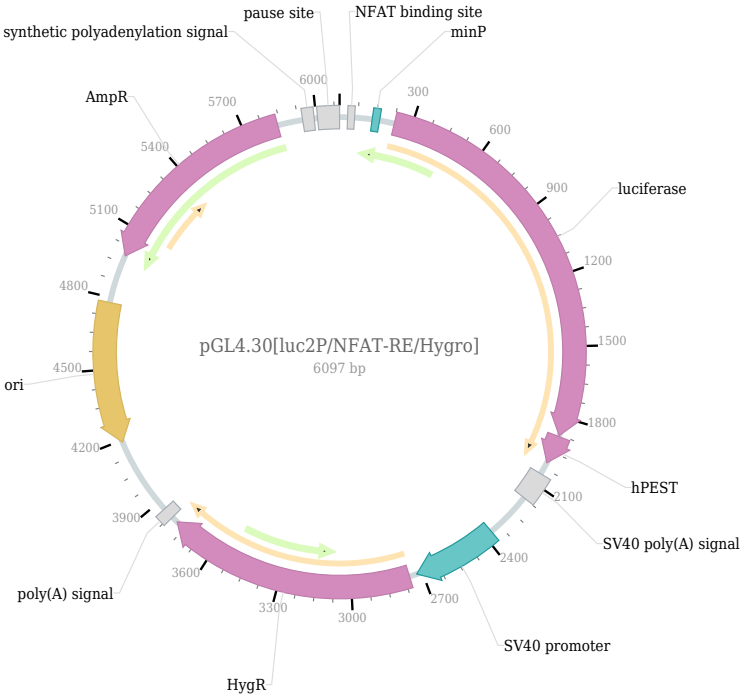
pGL4.30[luc2P/NFAT-RE/Hygro]

载体编号 Vector ID	V011520
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6097 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	pGL4.30[luc2P/NFAT-RE/Hygro] is designed to measure T-cell activation via NFAT signaling. The vector expresses the destabilized luciferase (luc2P) reporter gene under the control of an NFAT-responsive element (NFAT-RE). For antibiotic selection in mammalian cells, it incorporates the HygR gene, which is driven by an SV40 promoter. The plasmid also contains an AmpR promoter and bacterial origin for propagation in E. coli.

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 ℃.