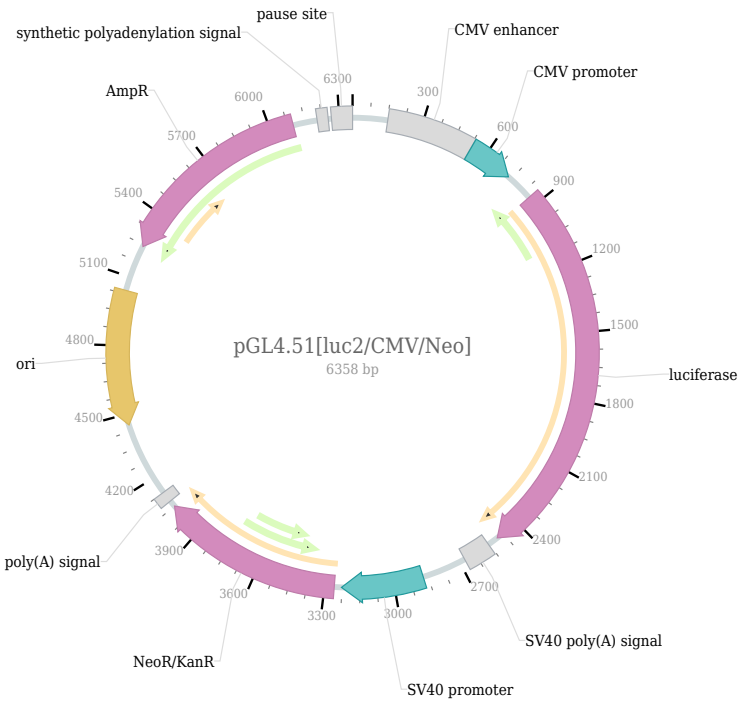
pGL4.51[luc2/CMV/Neo]

载体编号 Vector ID	V011500
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6358 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	CMV
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pGL4.51[luc2/CMV/Neo] is a firefly luciferase reporter in which the CMV promoter constitutively drives the codon-optimized luc2 gene. It serves as a positive expression control or co-reporter in dual-luciferase assays, with neomycin (G418) resistance for generating stable reporter cell lines and AmpR for E. coli 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 ℃.