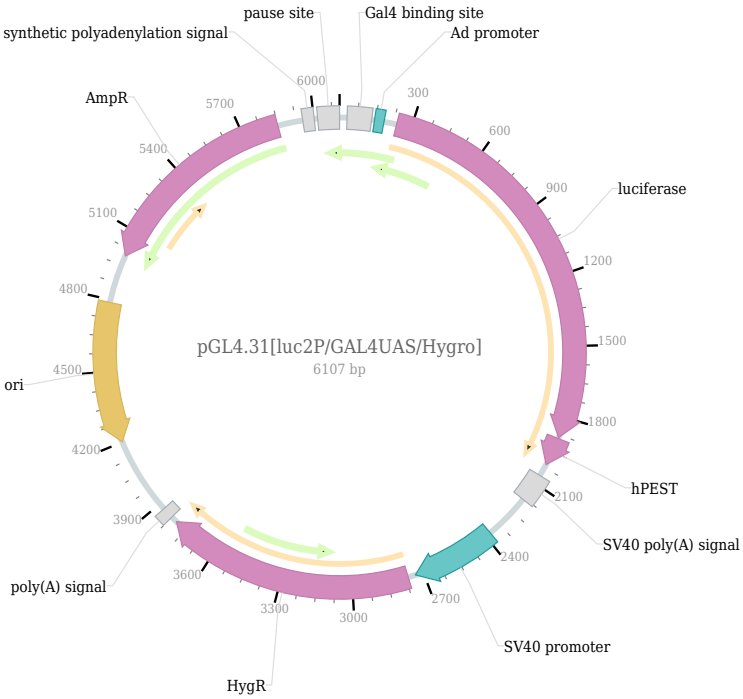
pGL4.31[luc2P/GAL4UAS/Hygro]

Vector ID	V011519
Antibiotic Resistance	Ampicillin
Length	6107 bp
Vector Type	Luciferase Vectors

Product Information

Replication Origin	ori
Source/Author	Promega
Copy Number	High copy number
Promoter	SV40
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pGL4.31[luc2P GAL4UAS Hygro] is a vector designed for studying cell signaling using destabilized luciferase. It contains a promoter and a Gal4 upstream activating sequence, enabling the analysis of transcriptional activity in response to specific signaling pathways.

Vector Map



Plasmid Resuspension Protocol

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 ℃.