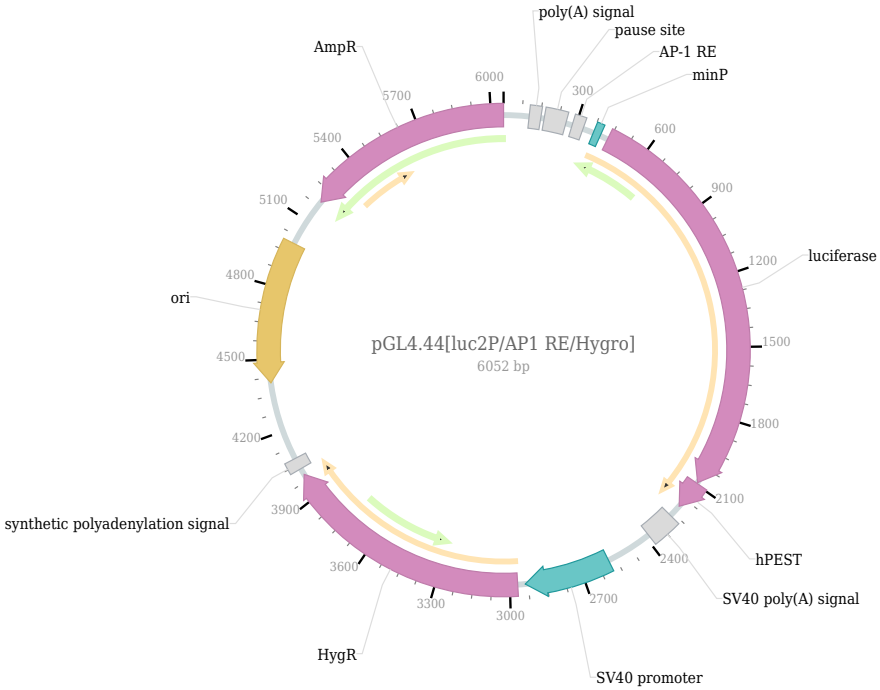
pGL4.44[luc2P/AP1 RE/Hygro]

Vector ID	V011506
Antibiotic Resistance	Ampicillin
Length	6052 bp
Vector Type	Luciferase Vectors

Product Information

Replication Origin	ori
Source/Author	Promega
Copy Number	High copy number
Promoter	minP
Growth Strain(s)	Top10
Comment	pGL4.44 [luc2P/AP1RE/Hygro] was employed to assess the impact of HBx protein on AP1 transcription factor activity, quantifying MAPK/JNK pathway activation via luciferase expression levels.

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 ℃.