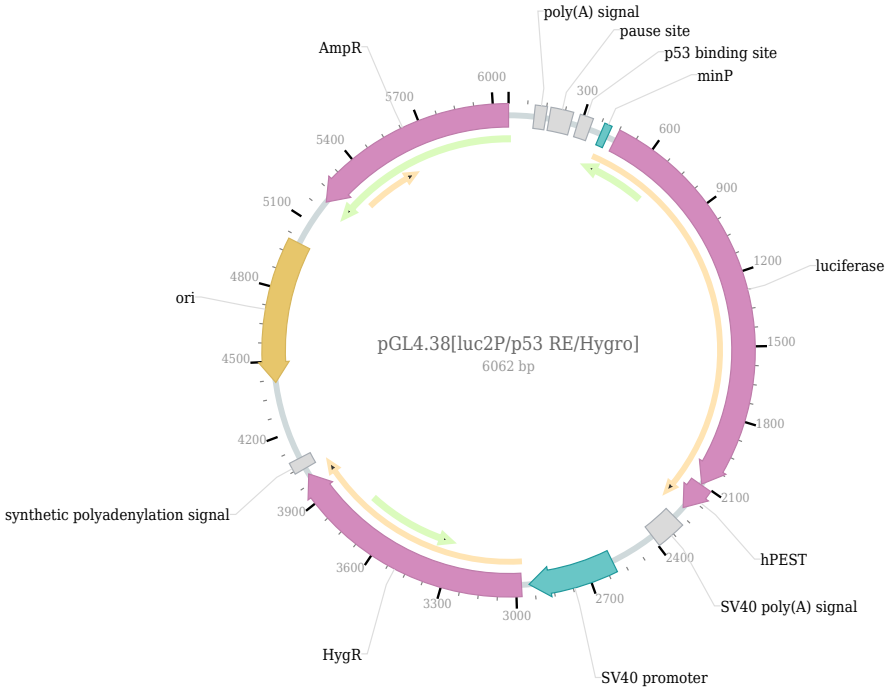
pGL4.38[luc2P/p53 RE/Hygro]

Vector ID	V011512
Antibiotic Resistance	Ampicillin
Length	6062 bp
Vector Type	Luciferase Vectors

Product Information

Replication Origin	ori
Source/Author	Promega
Copy Number	High copy number
Promoter	minP
Growth Temperature	37℃
Comment	pGL4.38[luc2P/p53 RE/Hygro] is a firefly luciferase reporter plasmid in which luc2P is driven by p53-responsive elements, allowing quantitation of p53 pathway activity; it carries a hygromycin-B resistance marker for stable selection in mammalian cells.

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 ℃.