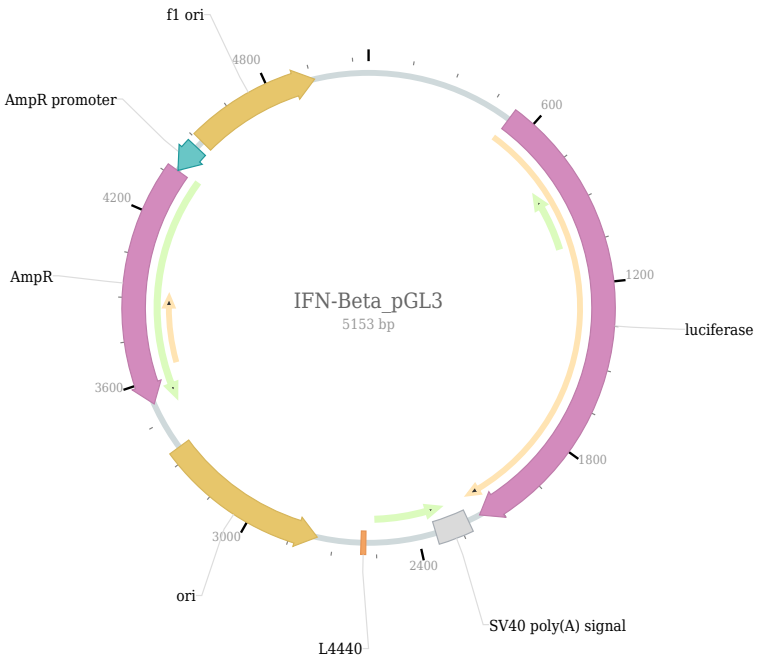
IFN-Beta_pGL3

Vector ID	V006629
Antibiotic Resistance	Ampicillin
Length	5153 bp
Vector Type	Mammalian Expression, Luciferase

Product Information

Replication Origin	ori
Copy Number	High Copy
Growth Temperature	37℃
Comment	IFN-Beta_pGL3 is a reporter plasmid designed to study the human interferon-beta promoter. It contains the IFN-β promoter sequence inserted into the pGL3 luciferase reporter vector backbone, allowing the measurement of promoter activity via luciferase expression in transfected 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 ℃.