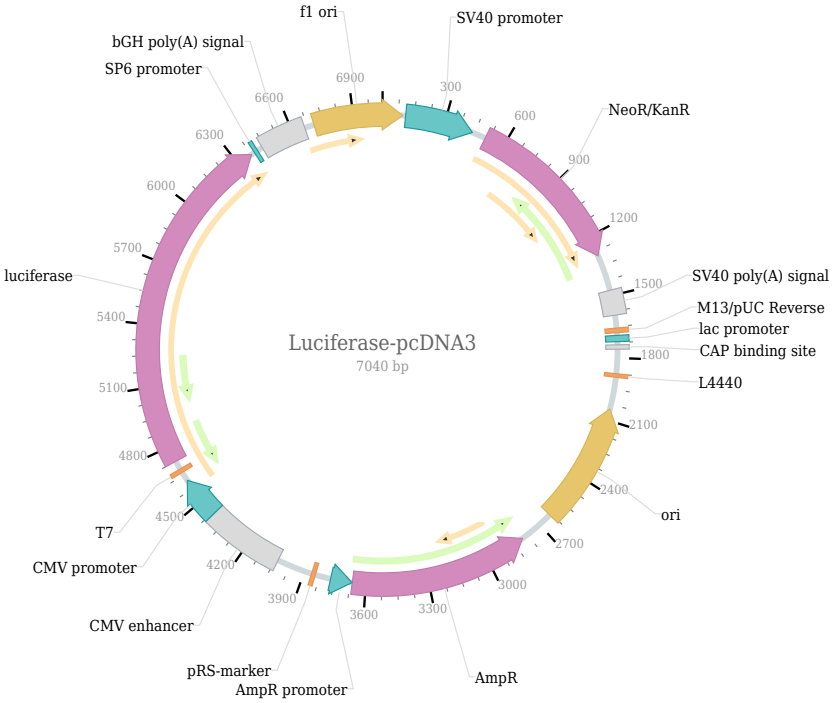
Luciferase-pcDNA3

Vector ID	V018126
Antibiotic Resistance	Ampicillin
Length	7040 bp
Vector Type	Mammalian Expression Vectors

Product Information

Source/Author	William Kaelin
Copy Number	High copy number
Growth Temperature	37℃
Comment	Luciferase-pcDNA3 is a mammalian expression vector containing the firefly luciferase gene under a CMV promoter, used for gene expression studies and reporter assays, with neomycin resistance for selection.

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 ℃.