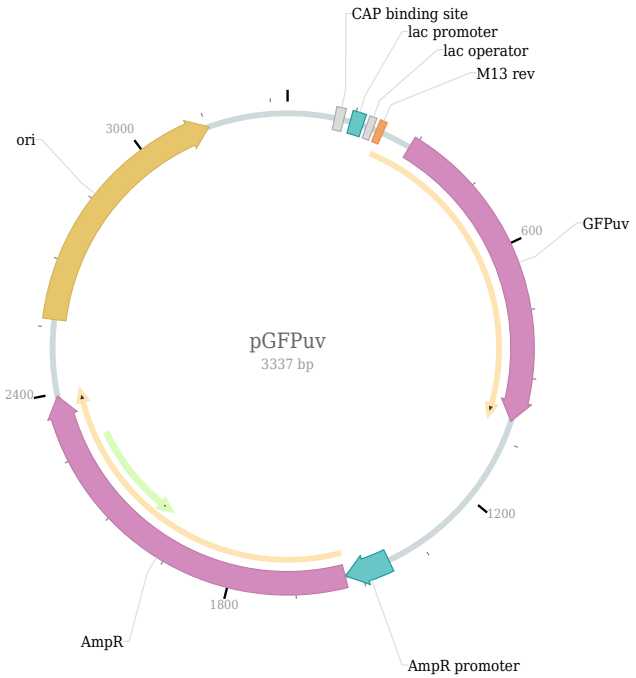
pGFPuv

Vector ID	V012009
Antibiotic Resistance	Ampicillin
Length	3337 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
3' Primer	M13 rev
Growth Temperature	37℃
Comment	pGFPuv is an E. coli expression plasmid carrying a gene for a UV-optimized green fluorescent protein (GFPuv). It contains an ampicillin resistance gene for selection and allows easy visual screening of transformed colonies under UV light.

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 ℃.