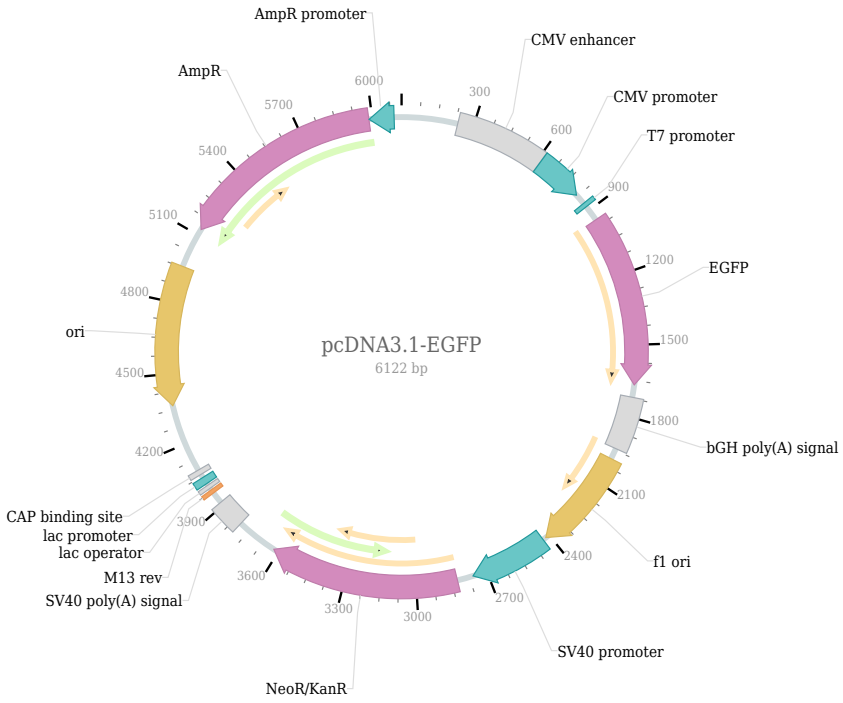
pcDNA3.1-EGFP

Vector ID	V018114
Antibiotic Resistance	Ampicillin
Length	6122 bp
Vector Type	Mammalian Expression Vectors

Product Information

Copy Number	High copy number
Promoter	CMV
Cloning Method	Enzyme Cut
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pcDNA3.1-EGFP expresses EGFP in mammalian cells, serving as a reporter gene to track target gene expression and cellular localisation.

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 ℃.