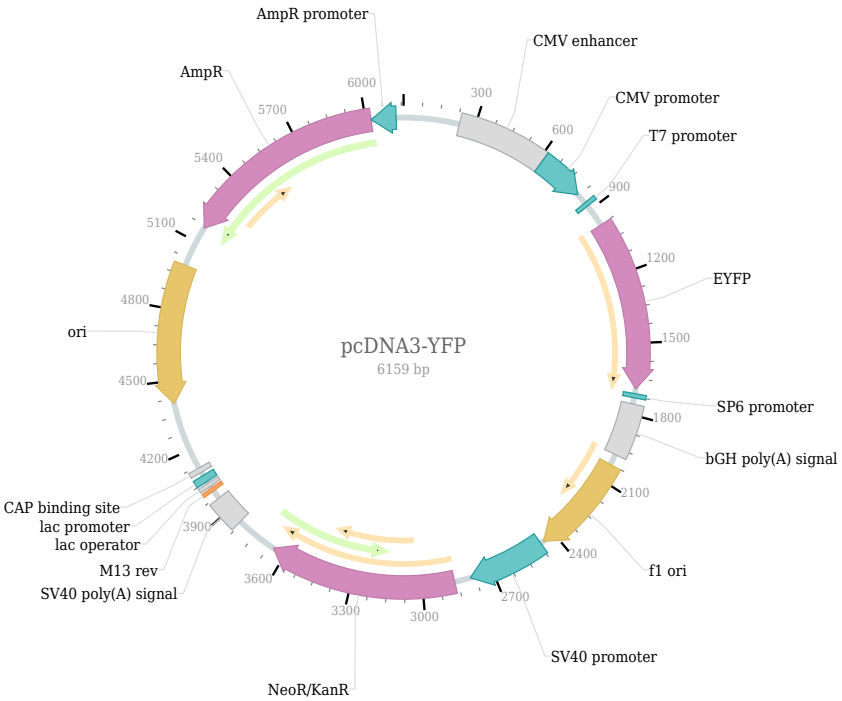
pcDNA3-YFP

Vector ID	V006872
Antibiotic Resistance	Ampicillin
Length	6159 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Selection Marker	G418, neo
Copy Number	High copy number
Promoter	CMV
Cloning Method	Enzyme digestion and ligation
5' Primer	T7 Fwd:5'd[TAATACGACTCACTATAGGG]3'
Fusion Tag	His Tag (6x), c-Myc Epitope Tag
Comment	The primer for sequencing out the 5' end of the GFP based constructs (GFP/EGFP, CFP, YFP) is 5'-GTCTTGTAGTTGCCGTCGTC -3'

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 ℃.