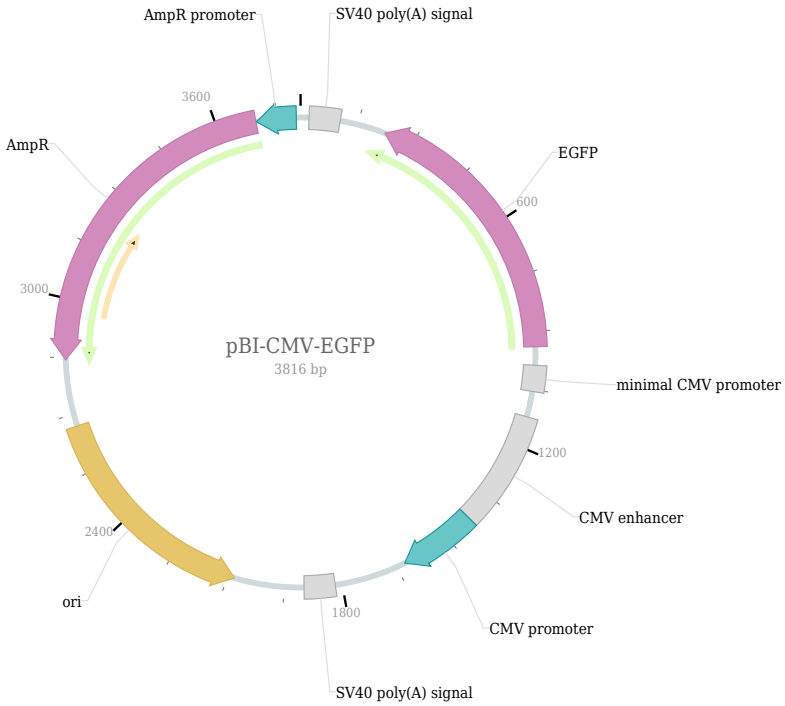
pBI-CMV-EGFP

Vector ID	V016468
Antibiotic Resistance	Ampicillin
Length	3816 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Frei T, Cella F, Tedeschi F, Gutierrez J
Copy Number	High copy number
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pBI-CMV-EGFP plasmid is clone vector. Key features include a mini-CMV promoter driving enhanced green fluorescent protein (EGFP) expression, enabling real-time visualization of transfection efficiency and protein localization.

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 ℃.