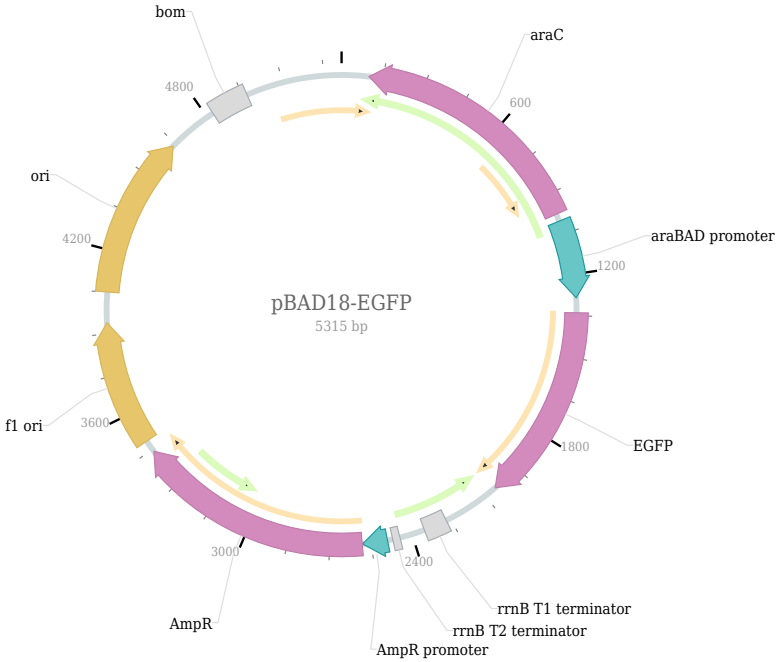
pBAD18-EGFP

Vector ID	V017789
Antibiotic Resistance	Ampicillin
Length	5315 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Copy Number	Low
Promoter	BAD
5' Primer	PBAD30.F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Arabinose induction
Comment	pBAD18-EGFP is a pBAD18-derived E. coli expression vector using the arabinose-inducible PBAD promoter and AraC regulator to drive EGFP synthesis, enabling tightly titratable protein production and fluorescence-based expression analysis.

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 ℃.