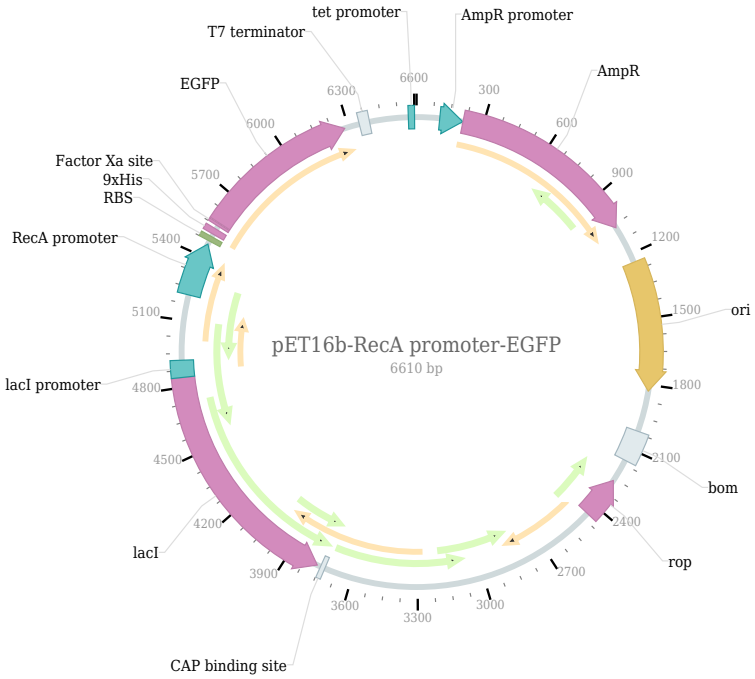
pET16b-RecA promoter-EGFP

Vector ID	V013135
Antibiotic Resistance	Ampicillin
Length	6610 bp
Vector Type	Luciferase reporter
Host	E. coli

Product Information

Replication Origin	ori
Promoter	tet
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pET16b-RecA promoter-EGFP is a prokaryotic reporter vector with RecA (SOS response) promoter driving EGFP green fluorescent protein, Amp resistance, for monitoring DNA damage and SOS response in E. coli.

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 ℃.