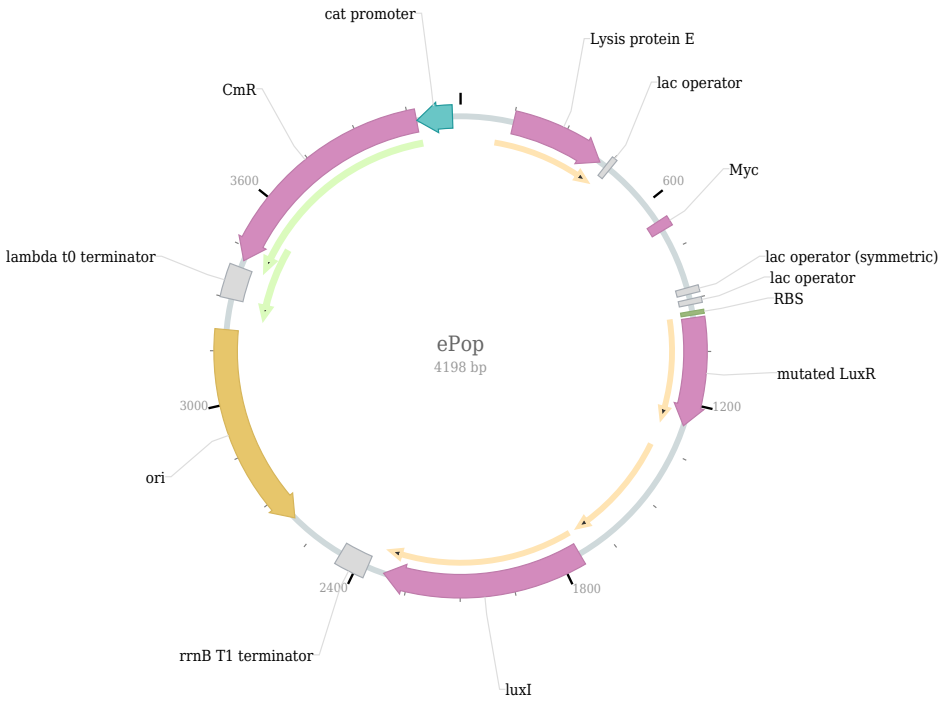
ePop

Vector ID	V017343
Antibiotic Resistance	Chloramphenicol
Length	4198 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Growth Strain(s)	DH10a
Growth Temperature	37℃
Comment	Expresses E lysis protein that causes in subpopulation death when threshold cell density is reached, resulting in oscillations. The plasmid tends to be unstable, with the region containing Lysis protein E and mutated LuxR being prone to deletion. Please screen at least 5 small colonies by restriction digest and culture the clones at 30 ℃ if possible

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 ℃.