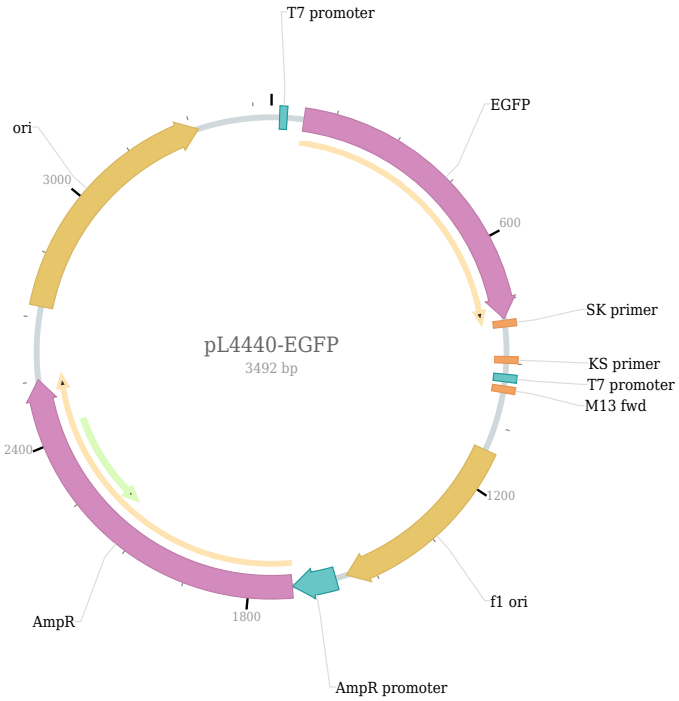
pL4440-EGFP

Vector ID	V015079
Antibiotic Resistance	Ampicillin
Length	3492 bp
Vector Type	RNA interference
Host	Insect cells

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pL4440-EGFP is an RNAi negative control vector, transformed into E. coli HT115 to induce EGFP dsRNA, eliminating non-specific interference for reliable Vtg silencing results on Daphnia's reproduction and embryonic development.

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 ℃.