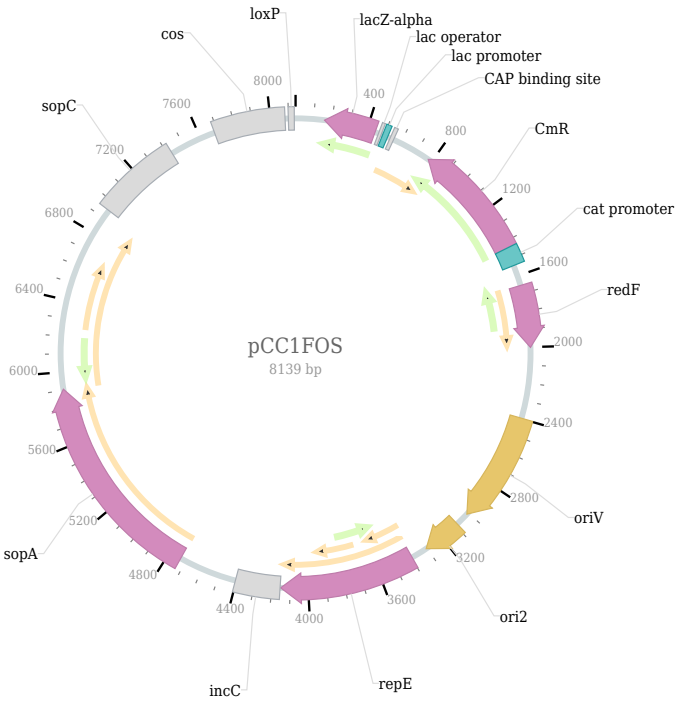
pCC1FOS

Vector ID	V008674
Antibiotic Resistance	Chloramphenicol
Length	8139 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori2
Source/Author	EPICENTRE Biotechnologies.
Copy Number	Single copy
Growth Strain(s)	EPI300/400
Growth Temperature	37℃
Comment	The pCC1FOS is a single copy vector that is inducible with a CopyControl Induction Solution (CopyControl Fosmid clones grown in TransforMax EPI300 cells can be amplified to 10-50 copies per cell). An EPI400/EPI300 strain is recommended. The protocol is as below: a) Add 4 ml LB media into each test tube. Inoculate each tube with bacterial culture with antibiotic at the proper concentration. b) Incubate the tubes at 37°C, shaking overnight. c) Dilute the starting culture (from step b) 1:10 into antibiotic-supplemented fresh media. d) Supplement induction solution (0.04% Arabinose), and grow the culture at 37°C for 4 h with vigorous shaking (approx. 250 rpm). e) Isolate DNA from the induced culture cells as per the protocol provided.

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 ℃.