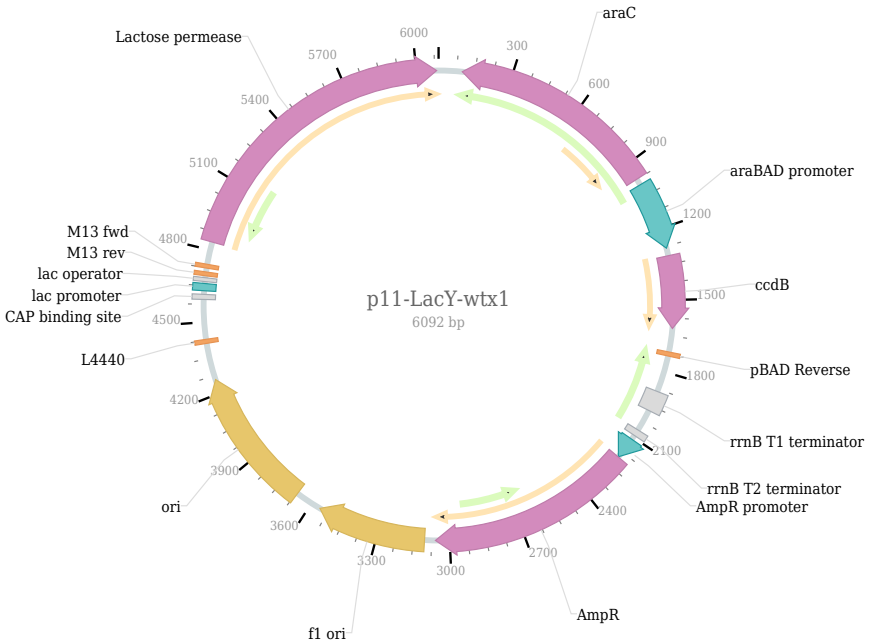
p11-LacY-wtx1

Vector ID	V007313
Antibiotic Resistance	Ampicillin
Length	6092 bp

Product Information

Replication Origin	ori
Selection Marker	Ampicillin
Promoter	araBAD
Cloning Method	Restriction Enzyme
5' Primer	gagctc aggcct gactcactatagggagaccg
3' Primer	ctagct aggccttaagcgacttcattcacct
Growth Strain(s)	DH10B
Comment	p11-LacY-wtx1 is a reporter plasmid. p11-LacY-wtx1 encodes the toxin CcdB gene under the inducible BAD promoter and a single copy of the endonuclease cleavage site which is readily extendable to multiple copies.

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 ℃.