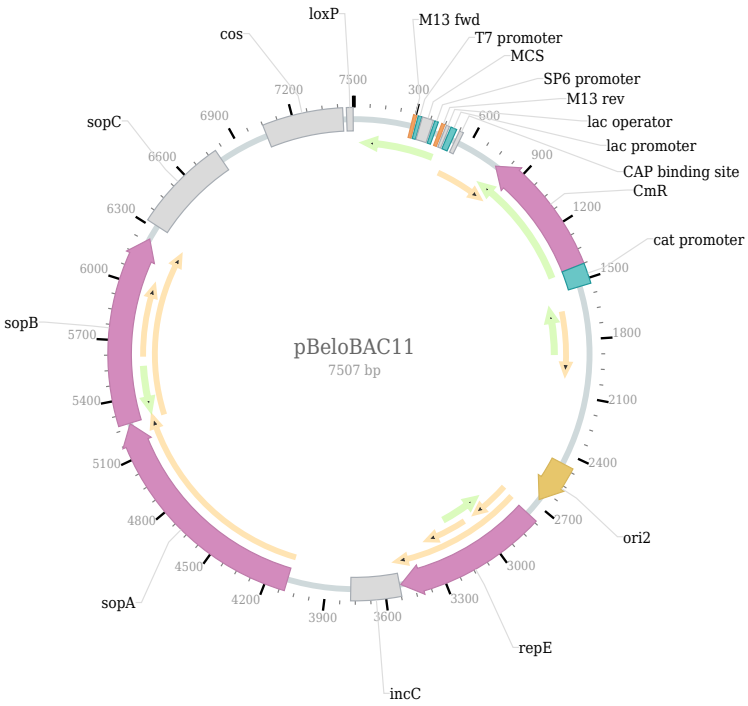
pBeloBAC11

Vector ID	V012547
Antibiotic Resistance	Chloramphenicol
Length	7507 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori2
Source/Author	New England Biolabs
Copy Number	Low copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	Stbl3
Growth Temperature	30℃
Comment	pBeloBAC11 is a single-copy E. coli plasmid vector designed for constructing Bacterial Artificial Chromosomes (BACs). It features a high capacity for cloning large DNA fragments and is based on bacterial artificial chromosome (BAC) structure with good stability and replicability. It also has selectable markers for easy screening of cells containing the vector. pBeloBAC11 vector is often used in genome library construction, large-scale genome sequencing, and functional genomics research.

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 ℃.