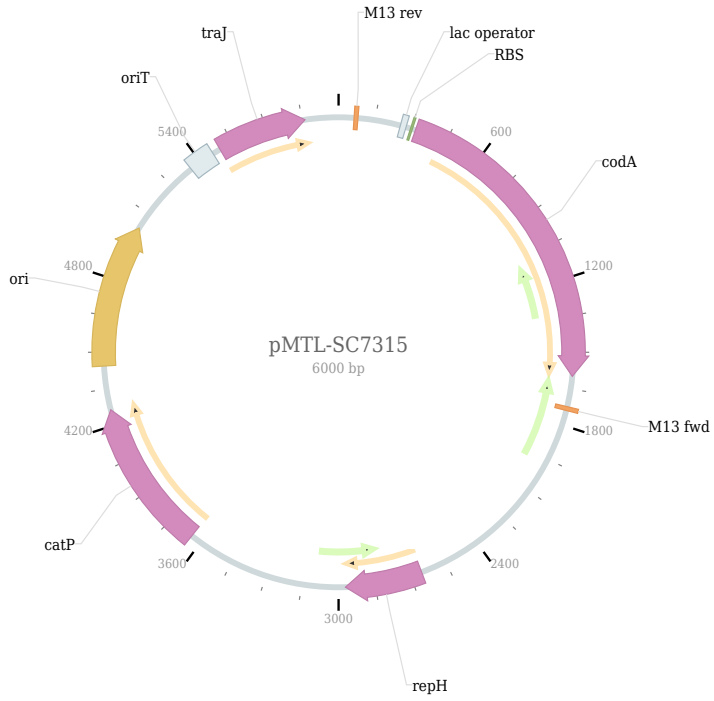
pMTL-SC7315

Vector ID	V012834
Antibiotic Resistance	Chloramphenicol
Length	6000 bp
Vector Type	C. difficile

Product Information

Replication Origin	ori
Source/Author	Cartman ST, Kelly ML, Heeg D, Heap JT , Minton NP
Copy Number	High copy number
Growth Strain(s)	DH5alpha
Growth Temperature	37℃
Comment	Plasmid vector pMTL-SC7315, used for allele exchange in C. difficile 630. Note that pMTL-SC7215 and pMTL-SC7315 are identical except that they have the pBP1 and pCB102 Gram-positive replicons, respectively (between AscI and FseI restriction sites).

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 ℃.