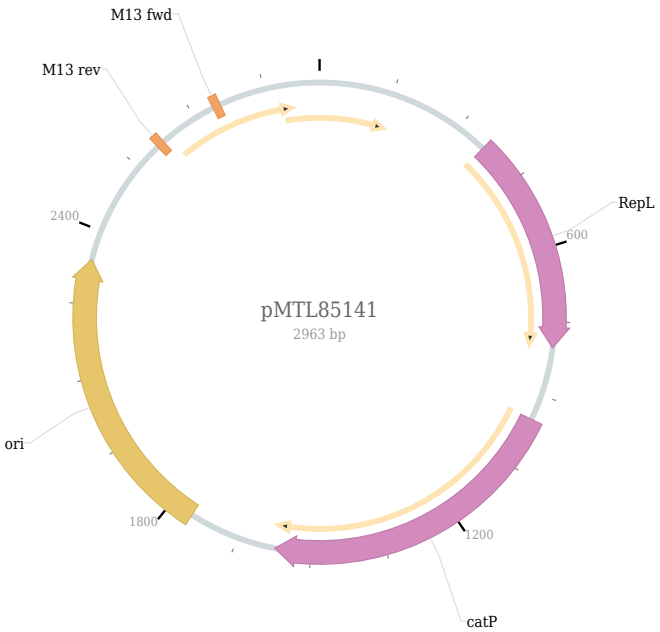
pMTL85141

Vector ID	V017642
Antibiotic Resistance	Chloramphenicol
Length	2963 bp
Vector Type	Protein expression
Host	Broad host

Product Information

Replication Origin	ori
5' Primer	Forward left ITR
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pMTL85141 is a core modular Clostridium-E. coli shuttle vector of the pMTL80000 platform (Heap et al. 2009). Built from four standardized exchangeable modules bounded by rare AscI/FseI/PmeI/SbfI sites (Gram-positive replicon, E. coli replicon, selectable marker, cargo/MCS) for rapid assembly of clostridial gene transfer vectors.

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 ℃.