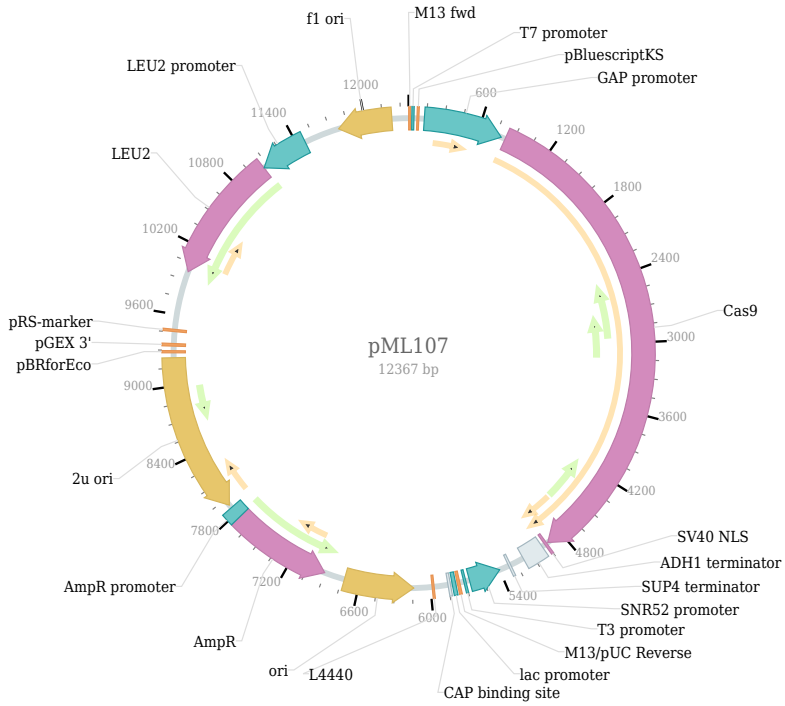
pML107

Vector ID	V012558
Antibiotic Resistance	Ampicillin
Length	12367 bp
Vector Type	Yeast Expression, CRISPR
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	LEU2
Copy Number	High Copy
Promoter	GAP
Cloning Method	Restriction Enzyme
5' Primer	T3
Growth Strain(s)	Stbl3
Comment	pML107 is a single-plasmid CRISPR-Cas9 genome editing vector for Saccharomyces cerevisiae. Featuring LEU2 as the selectable marker, it supports the integrated expression of Cas9 and sgRNA as well as rapid directional cloning of guide sequences, thereby facilitating highly efficient marker-free genome engineering.

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 ℃.