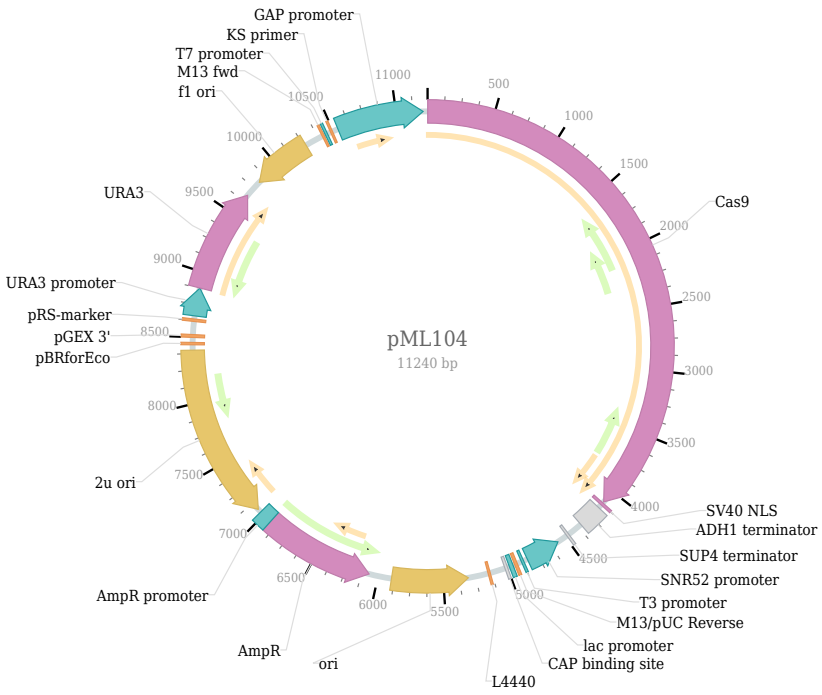
pML104

载体编号 Vector ID	V001375
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11240 bp
载体类型 Vector Type	Yeast Expression, CRISPR
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	URA3
拷贝数 Copy Number	High Copy
启动子 Promoter	GAP
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	T3
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pML104 is a single-plasmid CRISPR-Cas9 genome editing vector for Saccharomyces cerevisiae. It carries the URA3 selectable marker, enables integrated expression of Cas9 and sgRNA, supports rapid directional cloning of guide sequences, permits highly efficient marker-free genome editing, and allows convenient plasmid removal after successful editing.

质粒图谱



复溶方法

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 ℃.