pCT-tRNA

载体编号 Vector ID	V014651
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10609 bp
载体类型 Vector Type	Genome editing
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
启动子 Promoter	TEF
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pCT-tRNA plasmid enables efficient CRISPR-Cas9 gene editing in Candida tropicalis through: 1Autonomous replication via CaARS2 from C. albicans. 2Marker expression (nourseothricin resistance SAT1). 3Cas9 delivery driven by M. guillermondii TEF1 promoter. 4Single-step gRNA cloning between tRNAAla and HDV ribozyme, expressed via A. gossypii TEF1 promoter.

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 ℃.