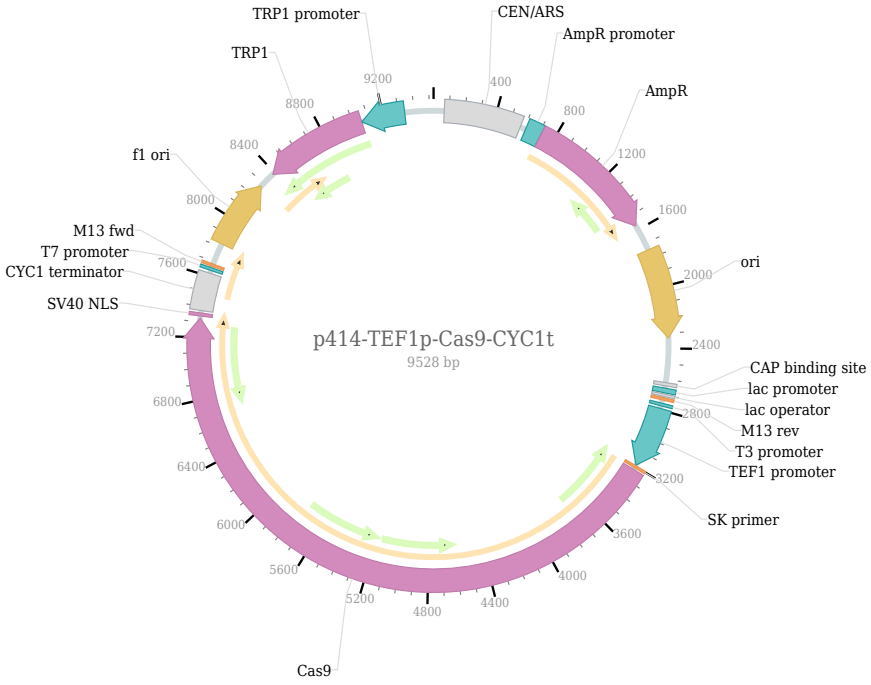
p414-TEF1p-Cas9-CYC1t

载体编号 Vector ID	V012314
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9528 bp
载体类型 Vector Type	CRISPR Plasmids
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
来源 Source/Author	DiCarlo JE, Norville JE, Mali P, Rios X, Aach J, Church GM.
拷贝数 Copy Number	High copy number
启动子 Promoter	TEF1
培养温度 Growth Temperature	37℃
备注 Comment	This is a yeast centromeric plasmid (CEN/ARS) for stable, low-copy Cas9 expression in S. cerevisiae. It features the strong constitutive TEF1 promoter driving the S. pyogenesCas9 gene, terminated by CYC1t. The TRP1 marker allows for selection in tryptophan-deficient media.

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 ℃.