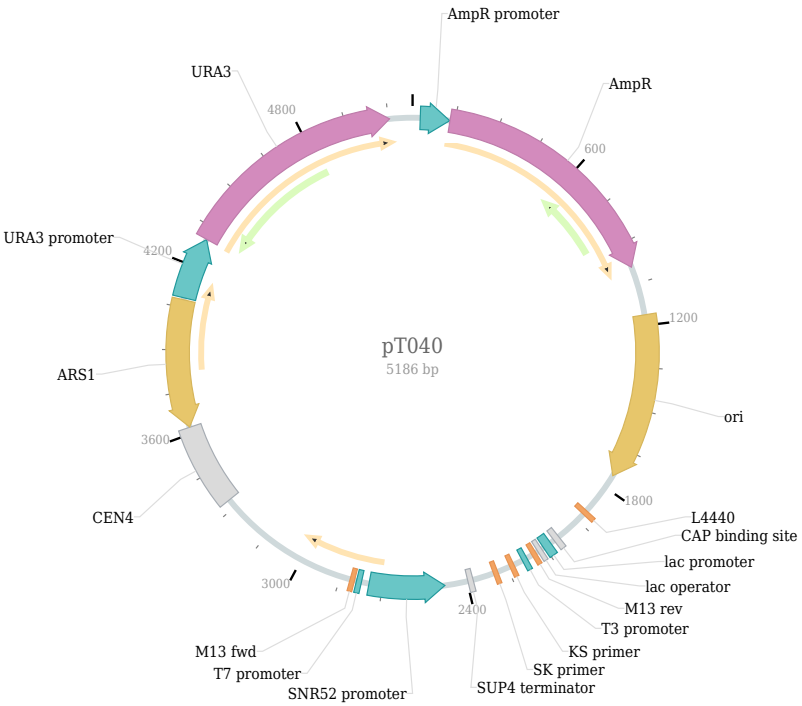
pT040

载体编号 Vector ID	V000583
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5186 bp
载体类型 Vector Type	Yeast Expression, CRISPR

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	SNR52
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	T3
备注 Comment	pT040 is a yeast sgRNA expression plasmid containing the URA3 nutritional selection marker. It allows rapid cloning and robust expression of user-defined 20-nt sgRNA targeting sequences under a strong promoter. Together with pJH001 (V010718), it directs Cas9 to specific genomic loci, triggering targeted cleavage and facilitating precise editing via endogenous homologous recombination in yeast.

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 ℃.