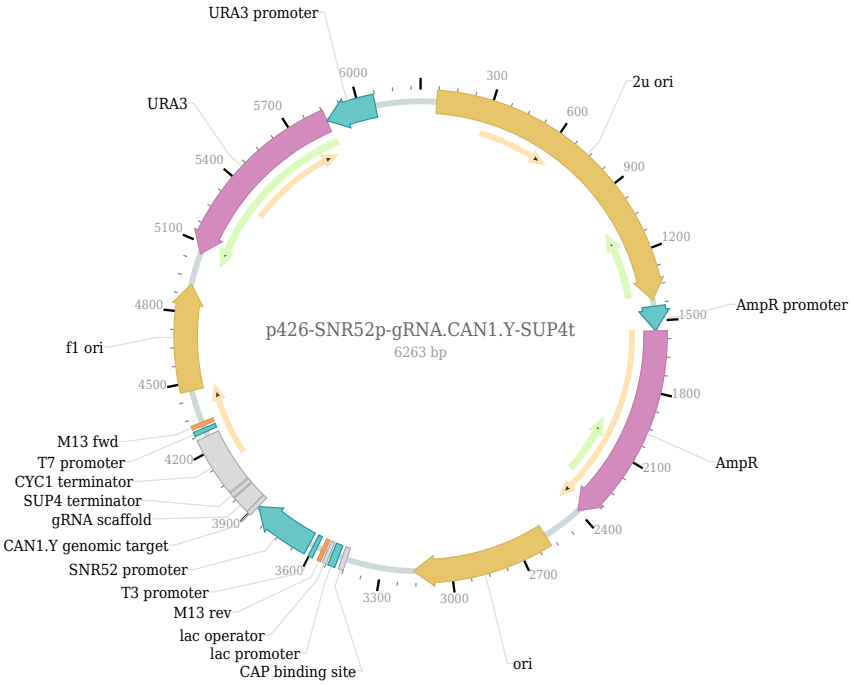
p426-SNR52p-gRNA.CAN1.Y-SUP4t

载体编号 Vector ID	V012312
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6263 bp
载体类型 Vector Type	CRISPR Plasmids

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	SNR52
备注 Comment	This 2μ high-copy yeast plasmid p426-SNR52p-gRNA.CAN1.Y-SUP4t uses URA3 marker for transformant selection. It carries a Pol III transcription cassette composed of SNR52p promoter, gRNA.CAN1.Y spacer targeting yeast CAN1, and SUP4t terminator. Co-expressed with Cas9 plasmids, it guides site-specific DNA cleavage at CAN1 locus to boost homologous recombination. Its SNR52p-SUP4t framework can be refitted for custom gRNA targeting any yeast genomic site.

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 ℃.