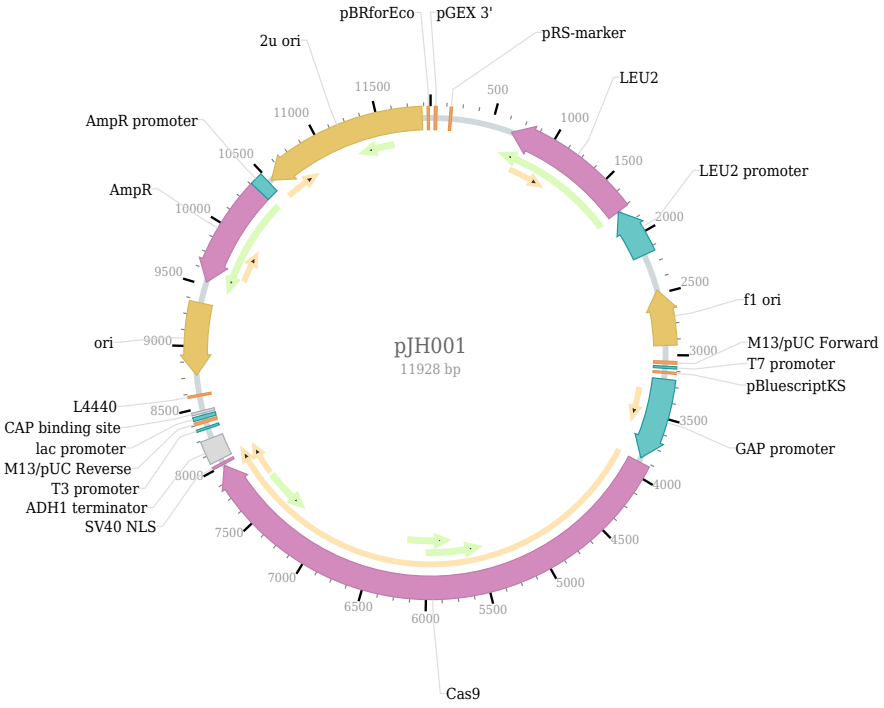
pJH001

载体编号 Vector ID	V010718
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11928 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	LEU2
拷贝数 Copy Number	High Copy
启动子 Promoter	GAP
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pJH001 is a high-copy yeast Cas9 expression plasmid carrying the LEU2 nutritional selection marker. It drives constitutive and stable expression of Cas9 nuclease in Saccharomyces cerevisiae, providing the core nuclease activity for targeted genomic double-strand breaks. When co-transformed with pT040 (V000583), it enables efficient CRISPR-mediated gene editing including knockout, knock-in, and point mutation.

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 ℃.