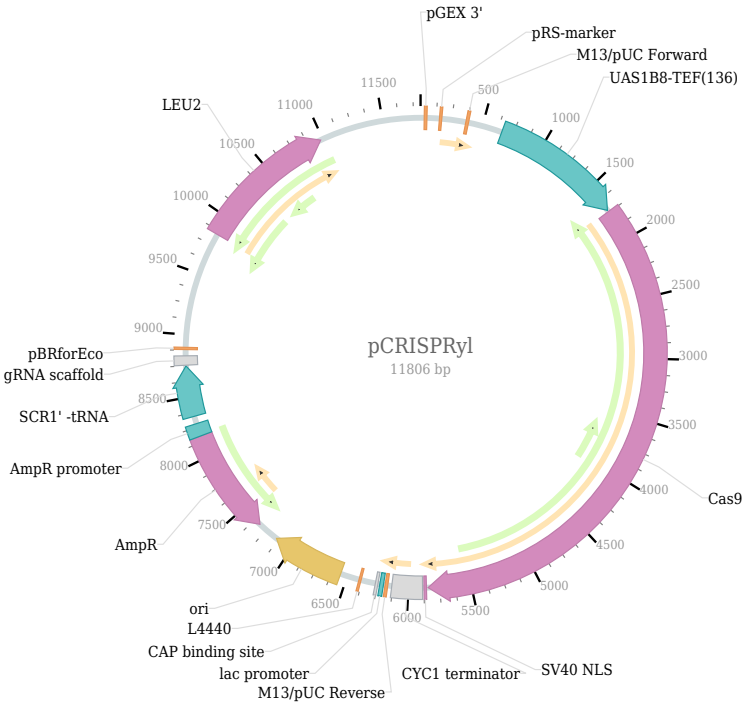
pCRISPRyl

载体编号 Vector ID	V012188
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11806 bp
载体类型 Vector Type	Yeast Expression, CRISPR, Synthetic Biology

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Ian Wheeldon
筛选标记 Selection Marker	LEU2
拷贝数 Copy Number	High Copy
启动子 Promoter	SCR1'-tRNA
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	GCATTTATCAGGGTTATTGTCTCATGAG
3' 引物 3' Primer	CACGAGCAGCTTGCCTATG
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The plasmid pCRISPRyl is a CRISPR/Cas9 vector designed for Yarrowia lipolytica, which utilizes an AvrII restriction site for the insertion of the sgRNA expression cassette. The selection marker is LEU2.

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 ℃.