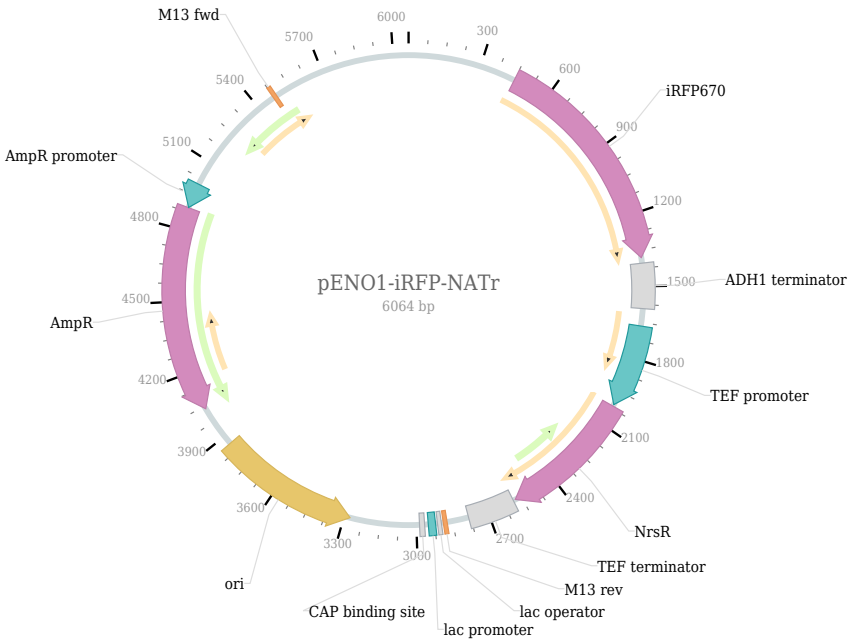
pENO1-iRFP-NATr

载体编号 Vector ID	V017261
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6064 bp
载体类型 Vector Type	Gene expression
宿主 Host	Candida albicans

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	NAT
启动子 Promoter	TEF
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This is a 6064 bp bacterial expression vector, pENO1-iRFP-NATr. It is designed to express the iRFP670 fluorescent protein driven by the TEF promoter, with the NrsR gene controlled by the lac promoter for regulatory studies. The vector includes the KanR gene for antibiotic selection and the lac operator/lacI system for gene regulation. It also features the CAP binding site and ori for bacterial propagation.

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 ℃.