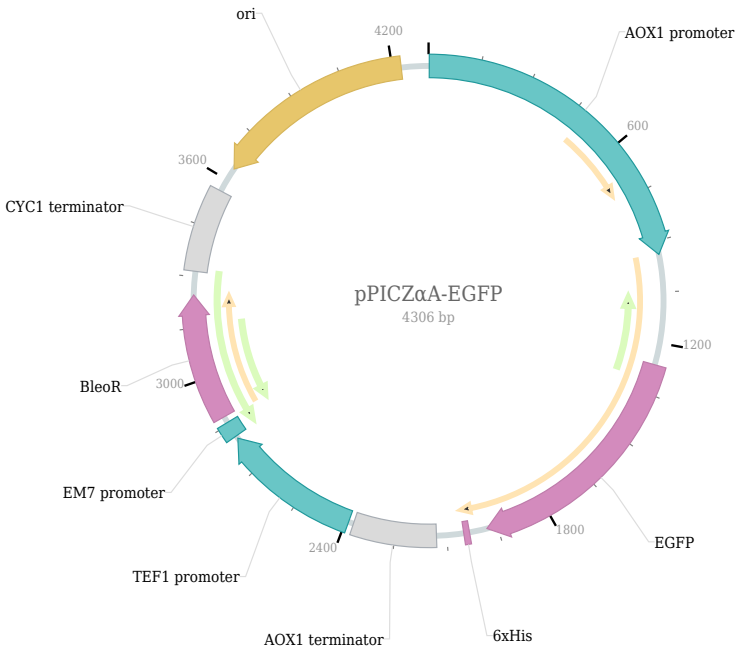
pPICZαA-EGFP

载体编号 Vector ID	V014852
抗性 Antibiotic Resistance	Zeocin
长度 Length	4306 bp
载体类型 Vector Type	Protein expression
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Zeo
启动子 Promoter	AOX1
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	30℃
备注 Comment	pPICZαA-EGFP is a Pichia pastoris secretion construct expressing EGFP from the pPICZalphaA vector: AOX1 promoter control, alpha-mating-factor secretion signal, and Zeocin resistance. Serves as a fluorescence benchmark for optimizing methanol-inducible protein secretion in P. pastoris (Campbell & Choy 2002).

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 ℃.