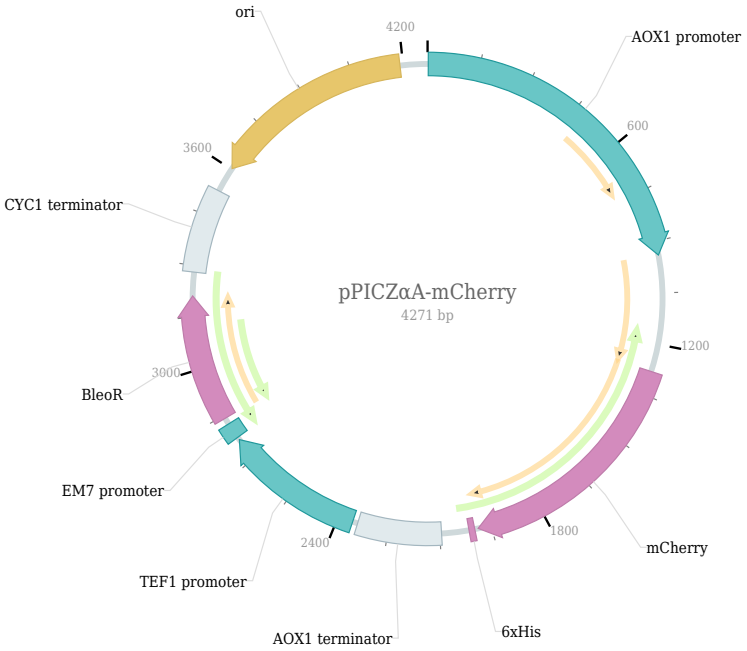
pPICZαA-mCherry

Vector ID	V013657
Accession ID	pPICZaA-mCherry
Antibiotic Resistance	Bleomycin
Length	4271 bp
Vector Type	Protein expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	AOX1
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pPICZαA-mCherry is a Pichia pastoris expression vector based on the commercial pPICZαA. It contains an AOX1 methanol-inducible promoter, S. cerevisiae α-factor secretion signal, the mCherry fluorescent reporter gene, a c-myc epitope and C-terminal polyhistidine (6 x His) tag, and a Zeocin resistance marker for selection.

Vector Map



Plasmid Resuspension Protocol

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 ℃.