



基本信息

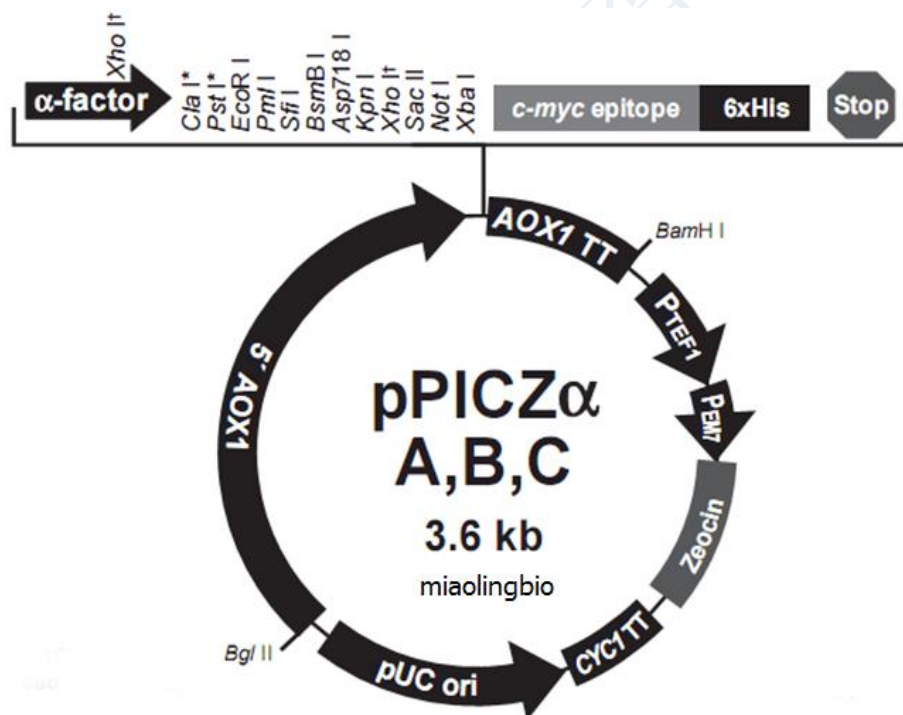
启动子:	TEF1, AOX1, EM7
平台编号:	bio-82448
复制子:	pUC ori
终止子:	AOX1 TT
质粒分类:	酵母系列, 毕赤酵母表达载体
质粒大小:	3593bp
质粒标签:	C-Myc, C-His
原核抗性:	Zeo
克隆菌株:	DH5 α
培养条件:	37°C, 有氧 LB
表达宿主:	酵母细胞
诱导方式:	甲醇诱导
5'测序引物:	AOX5:GACTGGTTCCAATTGACAAGC
3'测序引物:	AOX3:GGCAAATGGCATTCTGACAT

质粒简介

pPICZ α A, B 和 C 是 3.6 kb 的毕赤酵母蛋白分泌表达载体。表达的重组蛋白是融合蛋白, 含有一个 N-端多肽, 编码酿酒酵母 (*Saccharomyces cerevisiae*) α -因子分泌信号。载体能够在毕赤酵母中利用甲醇诱导的高水平的表达目的蛋白, 并且可以用在任何毕赤酵母中, 包括 X33, GS115 菌株, SMD1168H, KM71H。pPICZ α A, B 和 C 系列载体包含以下内容: ① 5'端含有 AOX1 启动子的严格调控, 利用甲醇诱导表达任何感兴趣的基因(Ellis 等, 1985; Koutz 等人, 1989;tschopp 等人, 1987A)。② α -因子分泌信号能够分泌性表达目的蛋白。③Zeocin 抗性基因在大肠杆菌和毕赤酵母都能用于筛选 (Baron 等人,1992; Droccourt 等人, 1990)。④C-端含 Myc 和 His 标签, 可以用于检测和纯化重组蛋白。⑤pPICZ A, B, C 三种读码框使得可以将基因克隆入载体而不发生任何移码突变。



质粒图谱



质粒序列

LOCUS	Exported	3593 bp ds-DNA	circular SYN 10-SEP-2016
DEFINITION	synthetic circular DNA		
ACCESSION	.		
VERSION	.		
KEYWORDS	Untitled 5		
SOURCE	synthetic DNA construct		



ORGANISM synthetic DNA construct

REFERENCE 1 (bases 1 to 3593)

AUTHORS .

TITLE Direct Submission

JOURNAL Exported Saturday, September 10, 2016 from SnapGene Viewer 3.1.4

FEATURES Location/Qualifiers

source	1..3593
	/organism="synthetic DNA construct"
	/mol_type="other DNA"
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