



基本信息

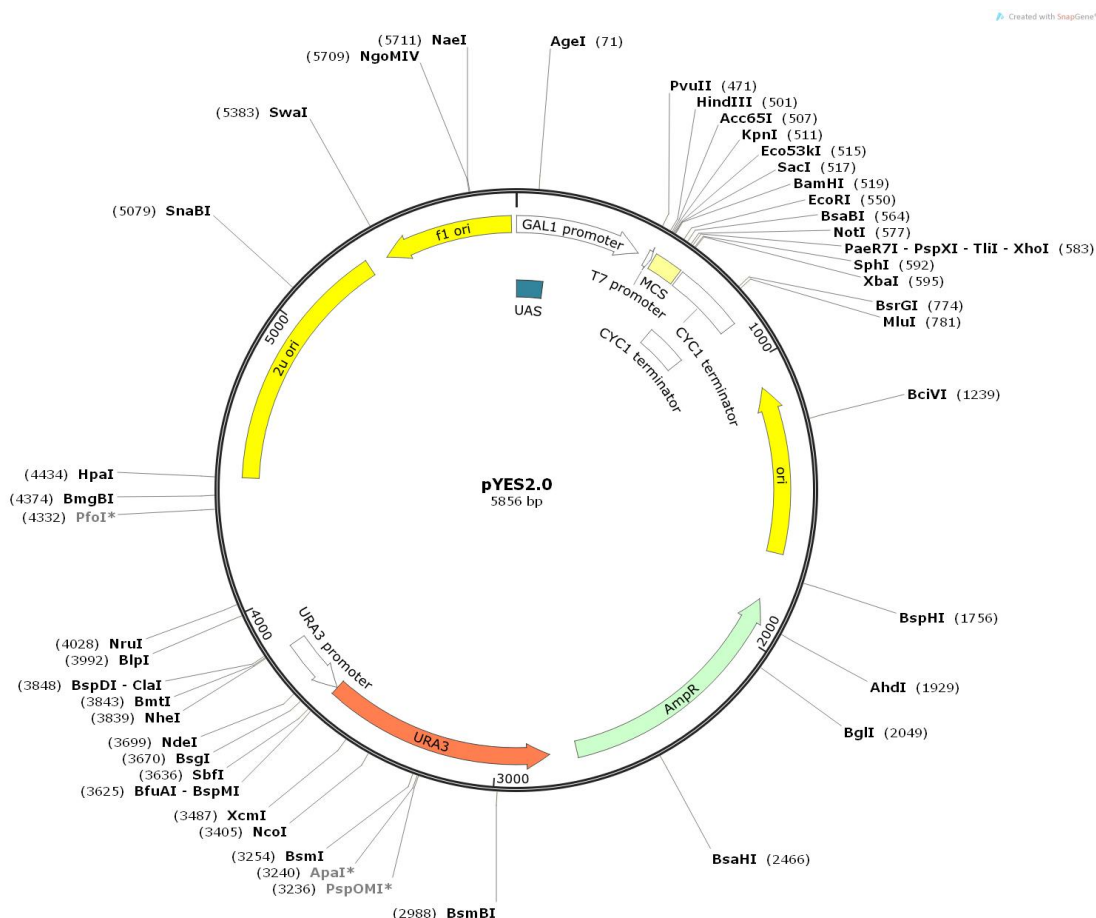
启动子:	URA3 , T7, GAL1
平台编号:	bio-82491
复制子:	2 μ ori,ori,Fl ori
终止子:	CYC1
质粒分类:	酵母系列, 酿酒酵母表达载体
质粒大小:	5856bp
原核抗性:	Amp
筛选标记:	URA3
克隆菌株:	DH5 α
培养条件:	37°C, 有氧 LB
表达宿主:	酵母细胞
诱导方式:	半乳糖诱导
5'测序引物:	GAL1-F: ATTTTCGGTTTGTATTACTTC
3'测序引物:	GALI-R: GTTCTTAATACTAACATAACT

质粒简介

The pYES vectors are available with a variety of epitope tags and selection markers to satisfy your expression needs. The parental pYES2 vector is utilized for native expression of your protein of interest. It contains the URA3 selection marker for selection in yeast.



质粒图谱





质粒序列

LOCUS Exported 5856 bp ds-DNA circular SYN 07-FEB-2013

DEFINITION High-copy episomal vector for galactose-inducible expression of
 proteins in *Saccharomyces cerevisiae*.

ACCESSION .

VERSION .

KEYWORDS pYES2

SOURCE synthetic DNA construct

 ORGANISM synthetic DNA construct

REFERENCE 1 (bases 1 to 5856)

 AUTHORS Invitrogen (Life Technologies)

 TITLE Direct Submission

 JOURNAL Exported Sunday, September 11, 2016 from SnapGene Viewer 3.1.4

FEATURES Location/Qualifiers

 source 1..5856

 /organism="synthetic DNA construct"

 /lab_host="Saccharomyces cerevisiae"

 /mol_type="other DNA"

 promoter 2..443

 /gene="S. cerevisiae GAL1"

 /note="GAL1 promoter"

 /note="inducible promoter, regulated by Gal4"

 protein_bind 2..119

 /bound_moiety="Gal4"

 /note="UAS"

 /note="upstream activating sequence mediating
Gal4-dependent induction"

 promoter 475..493

 /note="T7 promoter"

 /note="promoter for bacteriophage T7 RNA polymerase"

 misc_feature 501..600

 /note="MCS"

 /note="multiple cloning site"

 terminator 609..856

 /gene="S. cerevisiae CYC1"

 /note="CYC1 terminator"

 /note="transcription terminator for CYC1"

 rep_origin complement(1097..1685)

 /direction=LEFT

 /note="ori"

 /note="high-copy-number ColE1/pMB1/pBR322/pUC origin of



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GE	YTKGTVDIAKSDKDFVIGFIAQRDMGGRDEGYDWLIMTPGVGLDDKGDALGQQYRTV
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/note="f1 bacteriophage origin of replication; arrow
indicates direction of (+) strand synthesis"

ORIGIN

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