

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pMEL16

RRID:Addgene_107922

Type: Plasmid

Proper Citation

RRID:Addgene_107922

Plasmid Information

URL: <http://www.addgene.org/107922>

Proper Citation: RRID:Addgene_107922

Insert Name: gRNA-CAN1.Y

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25743786](#)

Vector Backbone Description: Backbone Marker:George Church (Addgene plasmid # 43803); Backbone Size:5775; Vector Backbone:p426-SNR52p-gRNA.CAN1.Y-SUP4t; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pMEL16

Record Creation Time: 20220422T221523+0000

Record Last Update: 20260808T080403+0000

Ratings and Alerts

No rating or validation information has been found for pMEL16 .

No alerts have been found for pMEL16 .

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Wolf IR, et al. (2023) Integrative Analysis of the Ethanol Tolerance of *Saccharomyces cerevisiae*. *International journal of molecular sciences*, 24(6).

L??zari LC, et al. (2022) LncRNAs of *Saccharomyces cerevisiae* bypass the cell cycle arrest imposed by ethanol stress. *PLoS computational biology*, 18(5), e1010081.

Mans R, et al. (2018) A protocol for introduction of multiple genetic modifications in *Saccharomyces cerevisiae* using CRISPR/Cas9. *FEMS yeast research*, 18(7).