

# Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

## [pMEL10](#)

RRID:Addgene\_107916

Type: Plasmid

### Proper Citation

RRID:Addgene\_107916

### Plasmid Information

**URL:** <http://www.addgene.org/107916>

**Proper Citation:** RRID:Addgene\_107916

**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:6109; Vector Backbone:p426-SNR52p-gRNA.CAN1.Y-SUP4t; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

**Plasmid Name:** pMEL10

**Record Creation Time:** 20220422T221523+0000

**Record Last Update:** 20260815T080115+0000

### Ratings and Alerts

No rating or validation information has been found for pMEL10.

No alerts have been found for pMEL10.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Manger S, et al. (2021) Ex vivo visualization of RNA polymerase III-specific gene activity with electron microscopy. *Communications biology*, 4(1), 234.

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