

# Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

## pYES2-gRNA-hyg-MCS

RRID:Addgene\_107734

Type: Plasmid

### Proper Citation

RRID:Addgene\_107734

### Plasmid Information

**URL:** <http://www.addgene.org/107734>

**Proper Citation:** RRID:Addgene\_107734

**Insert Name:** X-3 site gRNA expression cassettes

**Organism:** *Saccharomyces cerevisiae*

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:30199094](#)

**Vector Backbone Description:** Backbone Size:5856; Vector Backbone:pYES2; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

**Comments:** pYES2-gRNA-hyg-MCS is an *E. coli*-*S. cerevisiae* shuttle plasmid which harbors gRNA expression cassettes targeting *S. cerevisiae* chromosomal X-3 site gRNA (HXK1 gene). However, it can function as an empty gRNA expression backbone plasmid because the existing gRNA expression cassette can be easily replaced with conventional restriction enzyme digestion-ligation method. Moreover, multiple gRNA expression cassettes can be loaded in the MCS.

**Plasmid Name:** pYES2-gRNA-hyg-MCS

**Record Creation Time:** 20220422T221522+0000

**Record Last Update:** 20260815T080113+0000

### Ratings and Alerts

No rating or validation information has been found for pYES2-gRNA-hyg-MCS.

No alerts have been found for pYES2-gRNA-hyg-MCS.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.