

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCRISPEY-Z3-Hyg-ADE2

RRID:Addgene_232107

Type: Plasmid

Proper Citation

RRID:Addgene_232107

Plasmid Information

URL: <http://www.addgene.org/232107>

Proper Citation: RRID:Addgene_232107

Insert Name: ADE2 gRNA and repair template

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40758833](#)

Vector Backbone Description: Vector Backbone:pCRISPEY-Z3-Hyg; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Gibson cloning at XhoI sites . Please visit <https://doi.org/10.1101/2024.08.06.606807> for bioRxiv preprint.

Plasmid Name: pCRISPEY-Z3-Hyg-ADE2

Relevant Mutation: Repair template introduces C at nt 466 of ADE2 to create frameshift mutation

Record Creation Time: 20250223T090856+0000

Record Last Update: 20260725T080250+0000

Ratings and Alerts

No rating or validation information has been found for pCRISPEY-Z3-Hyg-ADE2.

No alerts have been found for pCRISPEY-Z3-Hyg-ADE2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Stuecker TN, et al. (2025) Improved vectors for retron-mediated CRISPR-Cas9 genome editing in *Saccharomyces cerevisiae*. G3 (Bethesda, Md.), 15(10).