

# Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

## pCRISPEY-Z3-Nat-ADE2

RRID:Addgene\_232106

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_232106

---

### Plasmid Information

**URL:** <http://www.addgene.org/232106>

**Proper Citation:** RRID:Addgene\_232106

**Insert Name:** ADE2 gRNA and repair template

**Organism:** *Saccharomyces cerevisiae*

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:40758833](#)

**Vector Backbone Description:** Vector Backbone:pCRISPEY-Z3-Nat; 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-Nat-ADE2

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

**Record Creation Time:** 20250223T090856+0000

**Record Last Update:** 20260815T083158+0000

---

### Ratings and Alerts

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

No alerts have been found for pCRISPEY-Z3-Nat-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 [RRID](#) .

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