

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pZS157 CRISPEY RT/Cas9

RRID:Addgene_114454

Type: Plasmid

Proper Citation

RRID:Addgene_114454

Plasmid Information

URL: <http://www.addgene.org/114454>

Proper Citation: RRID:Addgene_114454

Insert Name: SpCas9, Ec86-RT

Organism: S. pyogenes, E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30245013](#)

Vector Backbone Description: Vector Backbone:pRS403; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pZS157 CRISPEY RT/Cas9

Relevant Mutation: S. cerevisiae codon optimized

Record Creation Time: 20220422T221559+0000

Record Last Update: 20260725T073539+0000

Ratings and Alerts

No rating or validation information has been found for pZS157 CRISPEY RT/Cas9.

No alerts have been found for pZS157 CRISPEY RT/Cas9.

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 [NIF](#) .

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

Weber Y, et al. (2024) Enhancing prime editor activity by directed protein evolution in yeast. *Nature communications*, 15(1), 2092.