

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pTPGI_dCas9](#)

RRID:Addgene_64279

Type: Plasmid

Proper Citation

RRID:Addgene_64279

Plasmid Information

URL: <http://www.addgene.org/64279>

Proper Citation: RRID:Addgene_64279

Insert Name: Yeast-optimized dCas9

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23977949](#)

Vector Backbone Description: Vector Backbone:pRS304; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTPGI_dCas9

Relevant Mutation: D10A & H840A relative to *S. pyogenes* Cas9

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260815T081810+0000

Ratings and Alerts

No rating or validation information has been found for pTPGI_dCas9.

No alerts have been found for pTPGI_dCas9.

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](#) .

Horie F, et al. (2020) Artificial Protein-Responsive Riboswitches Upregulate Non-AUG Translation Initiation in Yeast. ACS synthetic biology, 9(7), 1623.

Vanegas KG, et al. (2017) SWITCH: a dynamic CRISPR tool for genome engineering and metabolic pathway control for cell factory construction in *Saccharomyces cerevisiae*. Microbial cell factories, 16(1), 25.