

# Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

## pRPR1\_gRNA\_handle\_RPR1t

RRID:Addgene\_49014

Type: Plasmid

### Proper Citation

RRID:Addgene\_49014

### Plasmid Information

**URL:** <http://www.addgene.org/49014>

**Proper Citation:** RRID:Addgene\_49014

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:23977949](#)

**Vector Backbone Description:** Vector Backbone:pRS425; Vector Types:Yeast Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Ampicillin

**Comments:** This is the empty vector for gRNA expression in *S. cerevisiae*. You can clone the 20 bp SDS sequence right after the HindIII site.

**Plasmid Name:** pRPR1\_gRNA\_handle\_RPR1t

**Record Creation Time:** 20220422T222252+0000

**Record Last Update:** 20260801T081402+0000

### Ratings and Alerts

No rating or validation information has been found for pRPR1\_gRNA\_handle\_RPR1t.

No alerts have been found for pRPR1\_gRNA\_handle\_RPR1t.

### Data and Source Information

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

### Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Soudet J, et al. (2022) Antisense-mediated repression of SAGA-dependent genes involves the HIR histone chaperone. *Nucleic acids research*, 50(8), 4515.

Nova?i? A, et al. (2022) Antisense non-coding transcription represses the PHO5 model gene at the level of promoter chromatin structure. *PLoS genetics*, 18(10), e1010432.

Li J, et al. (2018) Anti-CRISPR-based biosensors in the yeast *S. cerevisiae*. *Journal of biological engineering*, 12, 11.

Sheng J, et al. (2017) Systematic Optimization of Protein Secretory Pathways in *Saccharomyces cerevisiae* to Increase Expression of Hepatitis B Small Antigen. *Frontiers in microbiology*, 8, 875.

Barbieri EM, et al. (2017) Precise Editing at DNA Replication Forks Enables Multiplex Genome Engineering in Eukaryotes. *Cell*, 171(6), 1453.

Sarno R, et al. (2017) Programming sites of meiotic crossovers using Spo11 fusion proteins. *Nucleic acids research*, 45(19), e164.