

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

pRSII406

RRID:Addgene_35442

Type: Plasmid

Proper Citation

RRID:Addgene_35442

Plasmid Information

URL: <http://www.addgene.org/35442>

Proper Citation: RRID:Addgene_35442

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22670222](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4373; Vector Backbone:pRS40x; Vector Types:Yeast integrating vector; Bacterial Resistance:Ampicillin

Comments: URA3 has been modified to remove Apal and PstI sites without altering the amino acid sequence of the Ura3 protein.

Plasmid Name: pRSII406

Record Creation Time: 20220422T222151+0000

Record Last Update: 20260801T081208+0000

Ratings and Alerts

No rating or validation information has been found for pRSII406.

No alerts have been found for pRSII406.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ashraf RA, et al. (2024) Design and engineering of logic genetic-enzymatic gates based on the activity of the human CYP2C9 enzyme in permeabilized *Saccharomyces cerevisiae* cells. *Synthetic and systems biotechnology*, 9(3), 406.

Zhang Y, et al. (2022) A Mutated Nme1Cas9 Is a Functional Alternative RNase to Both LwaCas13a and RfxCas13d in the Yeast *S. cerevisiae*. *Frontiers in bioengineering and biotechnology*, 10, 922949.

Zhang Y, et al. (2022) Interaction of Bare dSpCas9, Scaffold gRNA, and Type II Anti-CRISPR Proteins Highly Favors the Control of Gene Expression in the Yeast *S. cerevisiae*. *ACS synthetic biology*, 11(1), 176.

Feng X, et al. (2021) Novel *S. cerevisiae* Hybrid Synthetic Promoters Based on Foreign Core Promoter Sequences. *International journal of molecular sciences*, 22(11).

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

Li J, et al. (2017) Nucleotides upstream of the Kozak sequence strongly influence gene expression in the yeast *S. cerevisiae*. *Journal of biological engineering*, 11, 25.

Song W, et al. (2016) Can terminators be used as insulators into yeast synthetic gene circuits? *Journal of biological engineering*, 10, 19.