

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[pRSII404](#)

RRID:Addgene_35438

Type: Plasmid

Proper Citation

RRID:Addgene_35438

Plasmid Information

URL: <http://www.addgene.org/35438>

Proper Citation: RRID:Addgene_35438

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22670222](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4279; Vector Backbone:pRS40x; Vector Types:Yeast integrating vector; Bacterial Resistance:Ampicillin

Comments: TRP1 has been modified to remove HindIII and XbaI sites without altering the amino acid sequence of the Trp1 protein.

Plasmid Name: pRSII404

Record Creation Time: 20220422T222151+0000

Record Last Update: 20260815T081406+0000

Ratings and Alerts

No rating or validation information has been found for pRSII404.

No alerts have been found for pRSII404.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wu J, et al. (2025) Efficient sex hormone biosensors in *Saccharomyces cerevisiae* cells to evaluate human aromatase activity and inhibition. *Scientific reports*, 15(1), 737.

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.

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