

Resource Summary Report

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

FRP795_insul-(lexA-box)8-PminCYC1-Citrine-TCYC1

RRID:Addgene_58435

Type: Plasmid

Proper Citation

RRID:Addgene_58435

Plasmid Information

URL: <http://www.addgene.org/58435>

Proper Citation: RRID:Addgene_58435

Insert Name: CitrineA206K

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25034689](#)

Vector Backbone Description: Backbone Marker:Robert Gnuegge; Backbone Size:4663; Vector Backbone:pRS-derived; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: For integration in yeast, linearize plasmid with PacI.

Plasmid Name: FRP795_insul-(lexA-box)8-PminCYC1-Citrine-TCYC1

Record Creation Time: 20220422T222338+0000

Record Last Update: 20260815T081716+0000

Ratings and Alerts

No rating or validation information has been found for FRP795_insul-(lexA-box)8-PminCYC1-Citrine-TCYC1.

No alerts have been found for FRP795_insul-(lexA-box)8-PminCYC1-Citrine-TCYC1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Tan LYH, et al. (2026) Dual-channel optogenetics in yeast for multiplexed light-based control of cellular processes and pathways. Nature communications, 17(1).

Zhao EM, et al. (2020) Design and Characterization of Rapid Optogenetic Circuits for Dynamic Control in Yeast Metabolic Engineering. ACS synthetic biology, 9(12), 3254.

Peng W, et al. (2016) Noise reduction facilitated by dosage compensation in gene networks. Nature communications, 7, 12959.