

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

pHO_pTEFmut7_CggR_R250A_ble

RRID:Addgene_124585

Type: Plasmid

Proper Citation

RRID:Addgene_124585

Plasmid Information

URL: <http://www.addgene.org/124585>

Proper Citation: RRID:Addgene_124585

Insert Name: cggR_R250A

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31885198](#)

Vector Backbone Description: Vector Backbone:pHO - plasmid; Vector Types:Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/682302v1> for BioRxiv preprint

Plasmid Name: pHO_pTEFmut7_CggR_R250A_ble

Relevant Mutation: changed arginine 250 to alanine

Record Creation Time: 20220422T221653+0000

Record Last Update: 20260912T091725+0000

Ratings and Alerts

No rating or validation information has been found for pHO_pTEFmut7_CggR_R250A_ble.

No alerts have been found for pHO_pTEFmut7_CggR_R250A_ble.

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 [NIF](#) .

Takhaveev V, et al. (2023) Temporal segregation of biosynthetic processes is responsible for metabolic oscillations during the budding yeast cell cycle. Nature metabolism, 5(2), 294.

Liu Y, et al. (2023) Enhanced cellular longevity arising from environmental fluctuations. bioRxiv : the preprint server for biology.

Monteiro F, et al. (2019) Measuring glycolytic flux in single yeast cells with an orthogonal synthetic biosensor. Molecular systems biology, 15(12), e9071.