

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

PT7lacO-His6-PheRSa-PheRSb

RRID:Addgene_224364

Type: Plasmid

Proper Citation

RRID:Addgene_224364

Plasmid Information

URL: <http://www.addgene.org/224364>

Proper Citation: RRID:Addgene_224364

Insert Name: PheRS

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40209036](#)

Vector Backbone Description: Vector Backbone:pET21a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: It is best to grow cells in strains with LacIq and in media supplemented 1% glucose for genetic stability. Please visit <https://doi.org/10.1101/2024.06.19.599772> for bioRxiv preprint.

Plasmid Name: PT7lacO-His6-PheRSa-PheRSb

Record Creation Time: 20240829T081140+0000

Record Last Update: 20260912T094133+0000

Ratings and Alerts

No rating or validation information has been found for PT7lacO-His6-PheRSa-PheRSb.

No alerts have been found for PT7lacO-His6-PheRSa-PheRSb.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.