

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pY3

RRID:Addgene_50606

Type: Plasmid

Proper Citation

RRID:Addgene_50606

Plasmid Information

URL: <http://www.addgene.org/50606>

Proper Citation: RRID:Addgene_50606

Insert Name: tyrB

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22020510](#)

Vector Backbone Description: Vector Backbone:pRBS-01; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pY3

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260902T045621+0000

Ratings and Alerts

No rating or validation information has been found for pY3.

No alerts have been found for pY3.

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](#) .

Das A, et al. (2018) Metabolic engineering of Escherichia coli W3110 strain by incorporating genome-level modifications and synthetic plasmid modules to enhance L-Dopa production from glycerol. Preparative biochemistry & biotechnology, 48(8), 671.

Machas MS, et al. (2017) Expanding Upon Styrene Biosynthesis to Engineer a Novel Route to 2-Phenylethanol. Biotechnology journal, 12(10).

Thompson B, et al. (2016) Engineering and comparison of non-natural pathways for microbial phenol production. Biotechnology and bioengineering, 113(8), 1745.