

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[pIYC04](#)

RRID:Addgene_64741

Type: Plasmid

Proper Citation

RRID:Addgene_64741

Plasmid Information

URL: <http://www.addgene.org/64741>

Proper Citation: RRID:Addgene_64741

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23164578](#)

Vector Backbone Description: Vector Backbone:pIYC04 (derived from pESC-HIS);
Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pIYC04

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260902T045920+0000

Ratings and Alerts

No rating or validation information has been found for pIYC04.

No alerts have been found for pIYC04.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Peng H, et al. (2019) Flow-cytometry-based physiological characterisation and transcriptome analyses reveal a mechanism for reduced cell viability in yeast engineered for increased lipid content. *Biotechnology for biofuels*, 12, 98.

Peng H, et al. (2018) Metabolic engineering of lipid pathways in *Saccharomyces cerevisiae* and staged bioprocess for enhanced lipid production and cellular physiology. *Journal of industrial microbiology & biotechnology*, 45(8), 707.