

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

[pOPINF](#)

RRID:Addgene_26042

Type: Plasmid

Proper Citation

RRID:Addgene_26042

Plasmid Information

URL: <http://www.addgene.org/26042>

Proper Citation: RRID:Addgene_26042

Insert Name: His3C-lacZ

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17317681](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5457; Vector Backbone:pTriEx-2; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: Promoters/baculoviral recombination sites: T7lacO, CMV enhancer and beta-actin promoter, p10 promoter/lef-2 and 1629 baculo elements.

Plasmid Name: pOPINF

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260725T074504+0000

Ratings and Alerts

No rating or validation information has been found for pOPINF.

No alerts have been found for pOPINF.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Czechowski T, et al. (2025) Evolution of linear triterpenoid biosynthesis within the Euphorbia genus. Nature communications, 16(1), 5602.

Burbidge O, et al. (2025) Nanobodies restore stability to cancer-associated mutants of tumor suppressor protein p16INK4a. Structure (London, England : 1993).

Kaur S, et al. (2025) Untargeted Proteomics Identifies Plant Substrates of the Bacterial-Derived ADP-Ribosyltransferase AvrRpm1. Plant direct, 9(11), e70115.

Calver JF, et al. (2024) Defining the mechanism of galectin-3-mediated TGF- β 1 activation and its role in lung fibrosis. The Journal of biological chemistry, 300(6), 107300.

Hernández Lozada NJ, et al. (2022) Biocatalytic routes to stereo-divergent iridoids. Nature communications, 13(1), 4718.

Redhead MA, et al. (2021) Bispecific repurposed medicines targeting the viral and immunological arms of COVID-19. Scientific reports, 11(1), 13208.

Aibara S, et al. (2021) Structures of mammalian RNA polymerase II pre-initiation complexes. Nature, 594(7861), 124.

Birch J, et al. (2020) Changes in Membrane Protein Structural Biology. Biology, 9(11).

Cetin M, et al. (2019) ROR1 Expression and Its Functional Significance in Hepatocellular Carcinoma Cells. Cells, 8(3).

Kries H, et al. (2017) Inverted stereocontrol of iridoid synthase in snapdragon. The Journal of biological chemistry, 292(35), 14659.

Deshpande I, et al. (2017) Structural Basis of Mec1-Ddc2-RPA Assembly and Activation on Single-Stranded DNA at Sites of Damage. Molecular cell, 68(2), 431.