

Resource Summary Report

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

pOPINA

RRID:Addgene_41141

Type: Plasmid

Proper Citation

RRID:Addgene_41141

Plasmid Information

URL: <http://www.addgene.org/41141>

Proper Citation: RRID:Addgene_41141

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Merck; Vector Backbone:pET28a;
Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pOPINA

Record Creation Time: 20220422T222213+0000

Record Last Update: 20260912T092701+0000

Ratings and Alerts

No rating or validation information has been found for pOPINA.

No alerts have been found for pOPINA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Boccia M, et al. (2022) Directed Biosynthesis of New to Nature Alkaloids in a Heterologous *Nicotiana benthamiana* Expression Host. *Frontiers in plant science*, 13, 919443.