

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

pAC-PHYTipi

RRID:Addgene_53283

Type: Plasmid

Proper Citation

RRID:Addgene_53283

Plasmid Information

URL: <http://www.addgene.org/53283>

Proper Citation: RRID:Addgene_53283

Insert Name: crtE, idi, crtY, crtI, crtB

Organism: Erwinia herbicola Eho10

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:17634749](#)

Vector Backbone Description: Backbone Marker:Francis X. Cunningham, Jr.; Backbone Size:13581; Vector Backbone:pAC-EHER; Vector Types:low copy number bacterial cloning vector; Bacterial Resistance:Chloramphenicol

Comments: For better yield of low copy number pAC-based plasmids, grow liquid cultures on a platform shaker at ca. 30 degrees Celsius. When cultures reach early stationary phase, dilute 2-fold with growth medium, add spectinomycin (150 mg/liter), and "amplify" for several hours before harvest. For plasmid selection and maintenance in E. coli, use chloramphenicol at 30 mg/liter.

Plasmid Name: pAC-PHYTipi

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260829T080656+0000

Ratings and Alerts

No rating or validation information has been found for pAC-PHYTipi.

No alerts have been found for pAC-PHYTipi.

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](#) .

Fidan O, et al. (2019) Discovery and engineering of an endophytic *Pseudomonas* strain from *Taxus chinensis* for efficient production of zeaxanthin diglucoside. *Journal of biological engineering*, 13, 66.