

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

## pAC-PHYT

RRID:Addgene\_53300

Type: Plasmid

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### Proper Citation

RRID:Addgene\_53300

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### Plasmid Information

**URL:** <http://www.addgene.org/53300>

**Proper Citation:** RRID:Addgene\_53300

**Insert Name:** crtE, crtB

**Organism:** Erwinia herbicola Eho10

**Bacterial Resistance:** Chloramphenicol

**Defining Citation:** [PMID:7919981](#)

**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-PHYT

**Record Creation Time:** 20220422T222312+0000

**Record Last Update:** 20260801T081443+0000

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### Ratings and Alerts

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

No alerts have been found for pAC-PHYT.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.