

Resource Summary Report

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

pAC-94N

RRID:Addgene_53281

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/53281>

Proper Citation: RRID:Addgene_53281

Insert Name: 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:10609; Vector Backbone:pAC-BETA; 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-94N

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260829T080656+0000

Ratings and Alerts

No rating or validation information has been found for pAC-94N.

No alerts have been found for pAC-94N.

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](#) .

Satta A, et al. (2022) Molecular characterization of cyanobacterial short-chain prenyltransferases and discovery of a novel GGPP phosphatase. The FEBS journal, 289(21), 6672.