

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pAC-DELTA

RRID:Addgene_53273

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/53273>

Proper Citation: RRID:Addgene_53273

Insert Name: lcyE

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:8798688](#)

Vector Backbone Description: Backbone Marker:Francis X. Cunningham, Jr.; Backbone Size:9476; Vector Backbone:pAC-LYC; 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-DELTA

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260815T081632+0000

Ratings and Alerts

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

No alerts have been found for pAC-DELTA.

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 [RRID](#) .

Loewen PC, et al. (2018) Structure and function of a lignostilbene-?,?-dioxygenase orthologue from *Pseudomonas brassicacearum*. *BMC biochemistry*, 19(1), 8.