

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pAC-BETA-At

RRID:Addgene_53288

Type: Plasmid

Proper Citation

RRID:Addgene_53288

Plasmid Information

URL: <http://www.addgene.org/53288>

Proper Citation: RRID:Addgene_53288

Insert Name: lcyB

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:17085635](#)

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-BETA-At

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260815T081632+0000

Ratings and Alerts

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

No alerts have been found for pAC-BETA-At.

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](#) .

Gupta P, et al. (2022) Phytoene synthase 2 in tomato fruits remains functional and contributes to abscisic acid formation. Plant science : an international journal of experimental plant biology, 316, 111177.