Resource Summary Report

Generated by NIF on Aug 19, 2026

pAC-ZETA

RRID:Addgene_53316
Type: Plasmid

Proper Citation

RRID:Addgene_53316

Plasmid Information

URL: http://www.addgene.org/53316

Proper Citation: RRID:Addgene_53316

Insert Name: pds

Organism: Synechococcus PCC7942

Bacterial Resistance: Chloramphenicol

Defining Citation: PMID:7919981

Vector Backbone Description: Backbone Marker:Francis X. Cunningham, Jr.; Backbone Size:8106; Vector Backbone:pAC-PHYT; 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-ZETA

Record Creation Time: 20220422T222313+0000

Record Last Update: 20260815T081629+0000

Ratings and Alerts

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

No alerts have been found for pAC-ZETA.

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 .

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.