

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 29, 2026

pETM6-At4CL-PhCHS-CmCHI (C5 mutant, pFlavo-opt)

RRID:Addgene_73404

Type: Plasmid

Proper Citation

RRID:Addgene_73404

Plasmid Information

URL: <http://www.addgene.org/73404>

Proper Citation: RRID:Addgene_73404

Insert Name: At4CL

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26860871](#)

Vector Backbone Description: Backbone Marker:Koffas Lab, Addgene Plasmid #49795; Backbone Size:5203; Vector Backbone:pETM6; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Identical to pETM6-At4CL-PhCHS-CmCHI above except that the CmCHI gene is expressed from the ePathOptimize C4 (mutant T7) promoter.

Plasmid Name: pETM6-At4CL-PhCHS-CmCHI (C5 mutant, pFlavo-opt)

Record Creation Time: 20220422T222450+0000

Record Last Update: 20260829T081002+0000

Ratings and Alerts

No rating or validation information has been found for pETM6-At4CL-PhCHS-CmCHI (C5 mutant, pFlavo-opt).

No alerts have been found for pETM6-At4CL-PhCHS-CmCHI (C5 mutant, pFlavo-opt).

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 [SPARC SAWG](#) .

Hwang J, et al. (2025) Integrated Tn-seq and MAGE-assisted rapid genome engineering targeting in Escherichia coli. Trends in biotechnology.