

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pChuA](#)

RRID:Addgene_42539

Type: Plasmid

Proper Citation

RRID:Addgene_42539

Plasmid Information

URL: <http://www.addgene.org/42539>

Proper Citation: RRID:Addgene_42539

Insert Name: ChuA

Organism: E. coli O157:H7

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21171606](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:3418; Vector Backbone:pRSFDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pChuA

Record Creation Time: 20220422T222219+0000

Record Last Update: 20260815T081454+0000

Ratings and Alerts

No rating or validation information has been found for pChuA.

No alerts have been found for pChuA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Gering HE, et al. (2025) Regulation of ferryl reactivity by the cytochrome P450 decarboxylase OleT. Journal of inorganic biochemistry, 270, 112912.

Amaya JA, et al. (2018) A Distal Loop Controls Product Release and Chemo- and Regioselectivity in Cytochrome P450 Decarboxylases. Biochemistry, 57(3), 344.