

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

Csy4H29AS50C

RRID:Addgene_45029

Type: Plasmid

Proper Citation

RRID:Addgene_45029

Plasmid Information

URL: <http://www.addgene.org/45029>

Proper Citation: RRID:Addgene_45029

Insert Name: Csy4H29AS50C

Organism: Pseudomonas aeruginosa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23493562](#)

Vector Backbone Description: Backbone Size:8236; Vector Backbone:pHM-GWA;
Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Csy4H29AS50C

Relevant Mutation: H29A mutation to abolish catalytic activity and Ser50Cys mutation to enable coupling to biotin

Record Creation Time: 20220422T222232+0000

Record Last Update: 20260815T081520+0000

Ratings and Alerts

No rating or validation information has been found for Csy4H29AS50C.

No alerts have been found for Csy4H29AS50C.

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](#) .

Mocciaro E, et al. (2023) WDR5 is required for DUX4 expression and its pathological effects in FSHD muscular dystrophy. Nucleic acids research.

L??ders J, et al. (2022) Identification of Pri-miRNA Stem-Loop Interacting Proteins in Plants Using a Modified Version of the Csy4 CRISPR Endonuclease. International journal of molecular sciences, 23(16).