

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pCMV-CRY2hiclu-mCherry

RRID:Addgene_249577

Type: Plasmid

Proper Citation

RRID:Addgene_249577

Plasmid Information

URL: <http://www.addgene.org/249577>

Proper Citation: RRID:Addgene_249577

Insert Name: CRY2PHR E490R/DLDN

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:41549960](#)

Vector Backbone Description: Backbone Size:4670; Vector Backbone:pmCherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please refer to related article for further details about the origin and use of this plasmid. Site-directed mutagenesis was performed over vector made by Bianxiao Cui Lab (Addgene #104063). Please visit <https://doi.org/10.1101/2025.11.06.686574> for bioRxiv preprint.

Plasmid Name: pCMV-CRY2hiclu-mCherry

Relevant Mutation: Mutated VATM to DLDN (residues 504-507) from CRY2high-mCherry (Addgene #104063)

Record Creation Time: 20260114T090655+0000

Record Last Update: 20260815T083450+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-CRY2hiclu-mCherry.

No alerts have been found for pCMV-CRY2hiclu-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.