

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

CRY-Gal?DD (B1013)

RRID:Addgene_92035

Type: Plasmid

Proper Citation

RRID:Addgene_92035

Plasmid Information

URL: <http://www.addgene.org/92035>

Proper Citation: RRID:Addgene_92035

Insert Name: CRY2

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28431041](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5270; Vector Backbone:pmCherryC1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: CRY-Gal?DD (B1013)

Relevant Mutation: Fusion of plant CRY2 to Gal4 binding domain (AA1-65), downstream of mCherry-IRES element

Record Creation Time: 20220422T222622+0000

Record Last Update: 20260815T082227+0000

Ratings and Alerts

No rating or validation information has been found for CRY-Gal?DD (B1013).

No alerts have been found for CRY-Gal?DD (B1013).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Christoffers S, et al. (2024) Blue Light-Induced, Dosed Protein Expression of Active BDNF in Human Cells Using the Optogenetic CRY2/CIB System. Biotechnology journal, 19(12), e202400384.

Crespo EL, et al. (2021) Bioluminescent Optogenetics 2.0: Harnessing Bioluminescence to Activate Photosensory Proteins In Vitro and In Vivo. Journal of visualized experiments : JoVE(174).

Hernández-Candia CN, et al. (2020) Optogenetic Control of Gene Expression Using Cryptochrome 2 and a Light-Activated Degron. Methods in molecular biology (Clifton, N.J.), 2173, 151.