

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

CRY2PHR(W349R)-mCherry

RRID:Addgene_75370

Type: Plasmid

Proper Citation

RRID:Addgene_75370

Plasmid Information

URL: <http://www.addgene.org/75370>

Proper Citation: RRID:Addgene_75370

Insert Name: CRY2 residues 1-498

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27065233](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4000; Vector Backbone:pmCherryN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: CRY2PHR(W349R)-mCherry

Relevant Mutation: W349R

Record Creation Time: 20220422T222458+0000

Record Last Update: 20260829T081021+0000

Ratings and Alerts

No rating or validation information has been found for CRY2PHR(W349R)-mCherry.

No alerts have been found for CRY2PHR(W349R)-mCherry.

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 [dkNET](#) .

Pal DS, et al. (2023) Optogenetic modulation of guanine nucleotide exchange factors of Ras superfamily proteins directly controls cell shape and movement. *Frontiers in cell and developmental biology*, 11, 1195806.