

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

pHR-mCh-Cry2olig

RRID:Addgene_101222

Type: Plasmid

Proper Citation

RRID:Addgene_101222

Plasmid Information

URL: <http://www.addgene.org/101222>

Proper Citation: RRID:Addgene_101222

Insert Name: Cry2olig

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28041848](#)

Vector Backbone Description: Vector Backbone:pHR; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Our Cry2WT contains an additional 29 amino acids at the C-terminus of Cry2PHR. These additional residues are also retained in other constructs we used in the associated study.

Plasmid Name: pHR-mCh-Cry2olig

Relevant Mutation: E490G

Record Creation Time: 20220422T221452+0000

Record Last Update: 20260902T040936+0000

Ratings and Alerts

No rating or validation information has been found for pHR-mCh-Cry2olig.

No alerts have been found for pHR-mCh-Cry2olig.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Peskett TR, et al. (2025) A network of P-body and Whi3 condensates adjusts cell fate decisions to cellular context. *Molecular cell*, 85(19), 3661.

Zorbas C, et al. (2024) Detecting material state changes in the nucleolus by label-free digital holographic microscopy. *EMBO reports*, 25(6), 2786.

Pan Y, et al. (2023) Gelation of cytoplasmic expanded CAG RNA repeats suppresses global protein synthesis. *Nature chemical biology*, 19(11), 1372.

Sharma R, et al. (2021) Liquid condensation of reprogramming factor KLF4 with DNA provides a mechanism for chromatin organization. *Nature communications*, 12(1), 5579.