Resource Summary Report

Generated by RRID on Aug 20, 2026

pCRY2PHR-mCherryN1

RRID:Addgene_26866
Type: Plasmid

Proper Citation

RRID:Addgene_26866

Plasmid Information

URL: http://www.addgene.org/26866

Proper Citation: RRID:Addgene_26866

Insert Name: CRY2PHR

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: PMID:21037589

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4722; Vector Backbone:pmCherryN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pCRY2PHR-mCherryN1

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260815T081257+0000

Ratings and Alerts

No rating or validation information has been found for pCRY2PHR-mCherryN1.

No alerts have been found for pCRY2PHR-mCherryN1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Megaly M, et al. (2026) Notch Signalling Plays a Role in Patterning the Ventral Mesoderm During Early Embryogenesis in Drosophila melanogaster. International journal of molecular sciences, 27(3).

Chen L, et al. (2026) CELF2 Promotes Tau Exon 10 Inclusion via Hinge Domain-Mediated Nuclear Condensation, Driving Cognitive Dysfunction in Tauopathy Models. Research square.

Merigliano C, et al. (2025) Off-pore Nup98 condensates mobilize heterochromatic breaks and exclude Rad51. Molecular cell, 85(12), 2355.

McNamara HM, et al. (2025) Optogenetic control of Nodal signaling patterns. Development (Cambridge, England), 152(9).

Yuan F, et al. (2024) Ubiquitin-driven protein condensation stabilizes clathrin-mediated endocytosis. PNAS nexus, 3(9), pgae342.

Hodgson RE, et al. (2024) C9orf72 poly-PR forms anisotropic condensates causative of nuclear TDP-43 pathology. iScience, 27(10), 110937.

McNamara HM, et al. (2024) Optogenetic control of Nodal signaling patterns. bioRxiv : the preprint server for biology.

Yuan F, et al. (2023) Ubiquitin-driven protein condensation promotes clathrin-mediated endocytosis. bioRxiv : the preprint server for biology.

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.

Pal DS, et al. (2023) Actuation of single downstream nodes in growth factor network steers immune cell migration. Developmental cell, 58(13), 1170.

Pagès DL, et al. (2022) Cell clusters adopt a collective amoeboid mode of migration in confined nonadhesive environments. Science advances, 8(39), eabp8416.

Banerjee T, et al. (2022) Spatiotemporal dynamics of membrane surface charge regulates cell polarity and migration. Nature cell biology, 24(10), 1499.

Wurz AI, et al. (2022) CRY-BARs: Versatile light-gated molecular tools for the remodeling of membrane architectures. The Journal of biological chemistry, 298(10), 102388.

Boyd-Shiwarski CR, et al. (2022) WNK kinases sense molecular crowding and rescue cell volume via phase separation. Cell, 185(24), 4488.

Qiu K, et al. (2022) Light-activated mitochondrial fission through optogenetic control of mitochondria-lysosome contacts. Nature communications, 13(1), 4303.

Clarke JWE, et al. (2021) Multiple Sclerosis-Associated hnRNPA1 Mutations Alter hnRNPA1 Dynamics and Influence Stress Granule Formation. International journal of molecular sciences, 22(6).

Herrera-Perez RM, et al. (2021) Using optogenetics to link myosin patterns to contractile cell behaviors during convergent extension. Biophysical journal, 120(19), 4214.

Day KJ, et al. (2021) Liquid-like protein interactions catalyse assembly of endocytic vesicles. Nature cell biology, 23(4), 366.

Liao Z, et al. (2021) Optogenetics-based localization of talin to the plasma membrane promotes activation of ?3 integrins. The Journal of biological chemistry, 296, 100675.

Kim G, et al. (2021) Multivalent electrostatic pi-cation interaction between synaptophysin and synapsin is responsible for the coacervation. Molecular brain, 14(1), 137.