

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

mCherry-CRY2-iSH2

RRID:Addgene_66839

Type: Plasmid

Proper Citation

RRID:Addgene_66839

Plasmid Information

URL: <http://www.addgene.org/66839>

Proper Citation: RRID:Addgene_66839

Insert Name: iSH2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22847441](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pmCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-CRY2-iSH2

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260808T082017+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-CRY2-iSH2.

No alerts have been found for mCherry-CRY2-iSH2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Gagnon KA, et al. (2026) Oncogenic Alterations in PI3K Signaling Emulated Optogenetically Recapitulate Some Phenotypic Changes in Mammary Epithelia. ACS synthetic biology, 15(2), 561.

Lee SJ, et al. (2026) Hypoxia restores the acidosis-induced inhibition of cancer cell dissemination. Cell reports, 45(2), 116970.

Chen Y, et al. (2025) POT, an optogenetics-based endogenous protein degradation system. Communications biology, 8(1), 455.

Driscoll MK, et al. (2024) Proteolysis-free amoeboid migration of melanoma cells through crowded environments via bleb-driven worrying. Developmental cell, 59(18), 2414.

Welf ES, et al. (2020) Actin-Membrane Release Initiates Cell Protrusions. Developmental cell, 55(6), 723.