

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

mCherry-Rhotekin(8-89)-mCherry-C1

RRID:Addgene_29675

Type: Plasmid

Proper Citation

RRID:Addgene_29675

Plasmid Information

URL: <http://www.addgene.org/29675>

Proper Citation: RRID:Addgene_29675

Insert Name: Rhotekin

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21423166](#)

Vector Backbone Description: Backbone Size:4645; Vector Backbone:mCherry-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-Rhotekin(8-89)-mCherry-C1

Relevant Mutation: aa 8-89

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260829T080338+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Rhotekin(8-89)-mCherry-C1.

No alerts have been found for mCherry-Rhotekin(8-89)-mCherry-C1.

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](#) .

Petshow S, et al. (2025) Activity-dependent regulation of Cdc42 by Ephexin5 drives synapse growth and stabilization. Science advances, 11(13), eadp5782.

Graessl M, et al. (2017) An excitable Rho GTPase signaling network generates dynamic subcellular contraction patterns. The Journal of cell biology, 216(12), 4271.

Iseppon F, et al. (2015) Cdc42 and RhoA reveal different spatio-temporal dynamics upon local stimulation with Semaphorin-3A. Frontiers in cellular neuroscience, 9, 333.