

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Z-lock cofilin

RRID:Addgene_141137

Type: Plasmid

Proper Citation

RRID:Addgene_141137

Plasmid Information

URL: <http://www.addgene.org/141137>

Proper Citation: RRID:Addgene_141137

Insert Name: Zdk2, Cofilin, LOV2

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31740825](#)

Vector Backbone Description: Vector Backbone:pEGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Z-lock cofilin

Relevant Mutation: mCherry, Zdk2(132F), Cofilin S3A, LOV WT

Record Creation Time: 20220422T221814+0000

Record Last Update: 20260815T080646+0000

Ratings and Alerts

No rating or validation information has been found for Z-lock cofilin.

No alerts have been found for Z-lock cofilin.

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](#) .

Romero LO, et al. (2025) Cofilin Inhibition Ameliorates PIEZO2 and AMPA Dysfunction in a Mouse Model of Angelman Syndrome. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(45).