

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[pmec-4::Chrimson::SL2::mCherry::unc-54](#)

RRID:Addgene_107745

Type: Plasmid

Proper Citation

RRID:Addgene_107745

Plasmid Information

URL: <http://www.addgene.org/107745>

Proper Citation: RRID:Addgene_107745

Insert Name: Chrimson

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29943731](#)

Vector Backbone Description: Vector Backbone:pAL; Vector Types:Worm Expression, Insect Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pmec-4::Chrimson::SL2::mCherry::unc-54

Record Creation Time: 20220422T221522+0000

Record Last Update: 20260902T041112+0000

Ratings and Alerts

No rating or validation information has been found for pmec-4::Chrimson::SL2::mCherry::unc-54.

No alerts have been found for pmec-4::Chrimson::SL2::mCherry::unc-54.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Puri D, et al. (2023) Muscleblind-1 interacts with tubulin mRNAs to regulate the microtubule cytoskeleton in *C. elegans* mechanosensory neurons. *PLoS genetics*, 19(8), e1010885.

Liu M, et al. (2022) A high-throughput method to deliver targeted optogenetic stimulation to moving *C. elegans* populations. *PLoS biology*, 20(1), e3001524.