

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

mScarlet-I-LaminB

RRID:Addgene_98831

Type: Plasmid

Proper Citation

RRID:Addgene_98831

Plasmid Information

URL: <http://www.addgene.org/98831>

Proper Citation: RRID:Addgene_98831

Insert Name: CytERM

Organism: Synthetic

Bacterial Resistance: Kanamycin

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

Comments: *Note: Addgene's quality control sequencing found an E382Q amino acid residue substitution in the LaminB insert. The affect of this residue change is not known. Please visit <https://www.biorxiv.org/content/early/2017/07/06/160374> for bioRxiv preprint.

Plasmid Name: mScarlet-I-LaminB

Relevant Mutation: *(see below)

Record Creation Time: 20220422T222631+0000

Record Last Update: 20260902T050544+0000

Ratings and Alerts

No rating or validation information has been found for mScarlet-I-LaminB.

No alerts have been found for mScarlet-I-LaminB.

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](#) .

Sciandra F, et al. (2025) Live cell optical super-resolution microscopy of dystroglycan mutants as a model for dystroglycanopathies in multiple cell lines. *Frontiers in molecular biosciences*, 12, 1558170.

Kamikawa Y, et al. (2023) Impact of cell cycle on repair of ruptured nuclear envelope and sensitivity to nuclear envelope stress in glioblastoma. *Cell death discovery*, 9(1), 233.

Kamikawa Y, et al. (2021) OASIS/CREB3L1 is a factor that responds to nuclear envelope stress. *Cell death discovery*, 7(1), 152.