

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

pmCherry-C1 R62D actin-3XNLS P2A mCherry

RRID:Addgene_58477

Type: Plasmid

Proper Citation

RRID:Addgene_58477

Plasmid Information

URL: <http://www.addgene.org/58477>

Proper Citation: RRID:Addgene_58477

Insert Name: beta actin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26287480](https://pubmed.ncbi.nlm.nih.gov/26287480/)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:mCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pmCherry-C1 R62D actin-3XNLS P2A mCherry

Relevant Mutation: Changed Arginine 62 to Aspartic Acid

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260902T045802+0000

Ratings and Alerts

No rating or validation information has been found for pmCherry-C1 R62D actin-3XNLS P2A mCherry.

No alerts have been found for pmCherry-C1 R62D actin-3XNLS P2A mCherry.

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 [PRECISE-TBI](#) .

Mishra S, et al. (2022) Nuclear F-actin and Lamin A antagonistically modulate nuclear shape. *Journal of cell science*, 135(13).

Titelbaum M, et al. (2021) Ezh2 harnesses the intranuclear actin cytoskeleton to remodel chromatin in differentiating Th cells. *iScience*, 24(10), 103093.