

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

mEmerald-MyosinIIA-C-18

RRID:Addgene_54190

Type: Plasmid

Proper Citation

RRID:Addgene_54190

Plasmid Information

URL: <http://www.addgene.org/54190>

Proper Citation: RRID:Addgene_54190

Insert Name: MyosinIIA

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24711500](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Cytoskeleton

Plasmid Name: mEmerald-MyosinIIA-C-18

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260815T081638+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-MyosinIIA-C-18.

No alerts have been found for mEmerald-MyosinIIA-C-18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Adams G, et al. (2021) Survey of cancer cell anatomy in nonadhesive confinement reveals a role for filamin-A and fascin-1 in leader bleb-based migration. *Molecular biology of the cell*, 32(18), 1772.

Meiring JCM, et al. (2019) Colocation of Tpm3.1 and myosin IIa heads defines a discrete subdomain in stress fibres. *Journal of cell science*, 132(15).

Zhovmer AS, et al. (2019) The role of nonmuscle myosin 2A and 2B in the regulation of mesenchymal cell contact guidance. *Molecular biology of the cell*, 30(16), 1961.

Fenix AM, et al. (2018) Muscle-specific stress fibers give rise to sarcomeres in cardiomyocytes. *eLife*, 7.

Haarmeyer CN, et al. (2017) Insights into cellulase-lignin non-specific binding revealed by computational redesign of the surface of green fluorescent protein. *Biotechnology and bioengineering*, 114(4), 740.