

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

mApple-MyosinIIA-C-18

RRID:Addgene_54929

Type: Plasmid

Proper Citation

RRID:Addgene_54929

Plasmid Information

URL: <http://www.addgene.org/54929>

Proper Citation: RRID:Addgene_54929

Insert Name: MyosinIIA

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24711500](#)

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

Comments: . Excitation = 568; Emission = 592

Plasmid Name: mApple-MyosinIIA-C-18

Record Creation Time: 20220422T222321+0000

Record Last Update: 20260905T075813+0000

Ratings and Alerts

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

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

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 [NIF](#) .

Lehtimäki JI, et al. (2021) Generation of stress fibers through myosin-driven reorganization of the actin cortex. eLife, 10.

Taneja N, et al. (2021) Myosin light chain kinase-driven myosin II turnover regulates actin cortex contractility during mitosis. Molecular biology of the cell, 32(20), br3.

Taneja N, et al. (2019) Myosin IIA drives membrane bleb retraction. Molecular biology of the cell, 30(9), 1051.