

Resource Summary Report

Generated by [RRID](#) on Aug 21, 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: 20260815T081644+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 [RRID](#) .

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.