

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mVenus-MyosinIIA-C-18

RRID:Addgene_56389

Type: Plasmid

Proper Citation

RRID:Addgene_56389

Plasmid Information

URL: <http://www.addgene.org/56389>

Proper Citation: RRID:Addgene_56389

Insert Name: MyosinIIA

Organism: Mus musculus

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 515; Emission = 528

Plasmid Name: mVenus-MyosinIIA-C-18

Record Creation Time: 20220422T222329+0000

Record Last Update: 20260725T074857+0000

Ratings and Alerts

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

No alerts have been found for mVenus-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](#) .

Meshik X, et al. (2019) Physical Plasma Membrane Perturbation Using Subcellular Optogenetics Drives Integrin-Activated Cell Migration. ACS synthetic biology, 8(3), 498.

O'Neill PR, et al. (2018) Membrane Flow Drives an Adhesion-Independent Amoeboid Cell Migration Mode. Developmental cell, 46(1), 9.

O'Neill PR, et al. (2016) Subcellular optogenetic activation of Cdc42 controls local and distal signaling to drive immune cell migration. Molecular biology of the cell, 27(9), 1442.