

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

mud[4]/FM7i, P{w[+mC]=ActGFP}JMR3

RRID:BDSC_9563

Type: Organism

Proper Citation

RRID:BDSC_9563

Organism Information

URL: <https://n2t.net/bdsc:9563>

Proper Citation: RRID:BDSC_9563

Description: Drosophila melanogaster with name mud[4]/FM7i, P{w[+mC]=ActGFP}JMR3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Robert Scott, NIH, National Institute of Mental Health

Affected Gene: mud, Act5C, Avic\GFP

Genomic Alteration: Chromosome 1

Catalog Number: 9563

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9563, BDSC:9563, BL9563

Organism Name: mud[4]/FM7i, P{w[+mC]=ActGFP}JMR3

Record Creation Time: 20240911T222226+0000

Record Last Update: 20260912T203159+0000

Ratings and Alerts

No rating or validation information has been found for mud[4]/FM7i, P{w[+mC]=ActGFP}JMR3.

No alerts have been found for mud[4]/FM7i, P{w[+mC]=ActGFP}JMR3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Taylor JA, et al. (2025) Asymmetric centromere and gene locus positioning in Drosophila neural stem cells. bioRxiv : the preprint server for biology.

Daeden A, et al. (2023) Polarized branched Actin modulates cortical mechanics to produce unequal-size daughters during asymmetric division. Nature cell biology, 25(2), 235.

Founounou N, et al. (2021) Tissue fluidity mediated by adherens junction dynamics promotes planar cell polarity-driven ommatidial rotation. Nature communications, 12(1), 6974.

Zhou Z, et al. (2019) Oriented Cell Divisions Are Not Required for Drosophila Wing Shape. Current biology : CB, 29(5), 856.

Scarpa E, et al. (2018) Actomyosin-Driven Tension at Compartmental Boundaries Orients Cell Division Independently of Cell Geometry In Vivo. Developmental cell, 47(6), 727.

Tsankova A, et al. (2017) Cell Polarity Regulates Biased Myosin Activity and Dynamics during Asymmetric Cell Division via Drosophila Rho Kinase and Protein Kinase N. Developmental cell, 42(2), 143.

Carmena A, et al. (2011) The Rap1-Rgl-Ral signaling network regulates neuroblast cortical polarity and spindle orientation. The Journal of cell biology, 195(4), 553.