

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

P{w[+mC]=UAS-Rho1.N19}1.3, w[*]

RRID:BDSC_7327

Type: Organism

Proper Citation

RRID:BDSC_7327

Organism Information

URL: <https://n2t.net/bdsc:7327>

Proper Citation: RRID:BDSC_7327

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Rho1.N19}1.3, w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Marek Mlodzik & Ursula Weber, Mount Sinai School of Medicine

Affected Gene: Rho1, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 7327

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7327, BDSC:7327, BL7327

Organism Name: P{w[+mC]=UAS-Rho1.N19}1.3, w[*]

Record Creation Time: 20240911T222208+0000

Record Last Update: 20260905T135833+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Rho1.N19}1.3, w[*].

No alerts have been found for P{w[+mC]=UAS-Rho1.N19}1.3, w[*].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Andrieu C, et al. (2025) Cell deformations generated by stochastic actomyosin waves drive in vivo random-walk swimming migration. *Journal of cell science*, 138(10).

Li S, et al. (2024) Basal actomyosin pulses expand epithelium coordinating cell flattening and tissue elongation. *Nature communications*, 15(1), 3000.

Cho SE, et al. (2024) Actomyosin contraction in the follicular epithelium provides the major mechanical force for follicle rupture during Drosophila ovulation. *Proceedings of the National Academy of Sciences of the United States of America*, 121(39), e2407083121.

Gabbert AM, et al. (2023) Septins regulate border cell surface geometry, shape, and motility downstream of Rho in Drosophila. *Developmental cell*, 58(15), 1399.

Zhou S, et al. (2022) Two Rac1 pools integrate the direction and coordination of collective cell migration. *Nature communications*, 13(1), 6014.

Popkova A, et al. (2020) A Cdc42-mediated supracellular network drives polarized forces and Drosophila egg chamber extension. *Nature communications*, 11(1), 1921.

Steinhauer J, et al. (2019) Combover interacts with the axonemal component Rsp3 and is required for Drosophila sperm individualization. *Development (Cambridge, England)*, 146(17).

Upadhyay M, et al. (2018) A switch in the mode of Wnt signaling orchestrates the formation of germline stem cell differentiation niche in Drosophila. *PLoS genetics*, 14(1), e1007154.