

Resource Summary Report

Generated by [Kravitz](#) on Sep 14, 2026

[w\[*\]; P{w\[+mC\]=UAS-Rho1.V14}2.1/TM6](#)

RRID:BDSC_8144

Type: Organism

Proper Citation

RRID:BDSC_8144

Organism Information

URL: <https://n2t.net/bdsc:8144>

Proper Citation: RRID:BDSC_8144

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Rho1.V14}2.1/TM6 from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Identity of balancer is a guess. Donor: Marek Mlodzik & Ursula Weber, Mount Sinai School of Medicine

Affected Gene: Rho1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8144

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8144, BDSC:8144, BL8144

Organism Name: w[*]; P{w[+mC]=UAS-Rho1.V14}2.1/TM6

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260912T203142+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Rho1.V14}2.1/TM6.

No alerts have been found for w[*]; P{w[+mC]=UAS-Rho1.V14}2.1/TM6.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Li J, et al. (2025) Epithelial cell-fate switch triggering ectopic ligand-receptor-mediated JAK-STAT signaling promotes tumorigenesis in Drosophila. iScience, 28(4), 112191.

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

Kapoor T, et al. (2021) An actomyosin clamp assembled by the Amphiphysin-Rho1-Dia/DAAM-Rok pathway reinforces somatic cell membrane folded around spermatid heads. Cell reports, 34(13), 108918.

Lin B, et al. (2020) Collectively stabilizing and orienting posterior migratory forces disperses cell clusters in vivo. Nature communications, 11(1), 4477.

Mishra AK, et al. (2019) Coordination of protrusion dynamics within and between collectively migrating border cells by myosin II. Molecular biology of the cell, 30(19), 2490.