

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

w[*]; P{w[+mC]=sqh-GFP-Rok}30

RRID:BDSC_52289

Type: Organism

Proper Citation

RRID:BDSC_52289

Organism Information

URL: <https://n2t.net/bdsc:52289>

Proper Citation: RRID:BDSC_52289

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=sqh-GFP-Rok}30 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Susan Parkhurst, Fred Hutchinson Cancer Center

Affected Gene: Rok, sqh, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 52289

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52289, BL52289

Organism Name: w[*]; P{w[+mC]=sqh-GFP-Rok}30

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260801T195436+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=sqh-GFP-Rok}30.

No alerts have been found for w[*]; P{w[+mC]=sqh-GFP-Rok}30.

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 [RRID](#) .

Decker JR, et al. (2025) Tension transmission across a supracellular network drives increased tissue rigidity in the Drosophila retina. Cell reports, 44(10), 116355.

Rosa-Birriel C, et al. (2024) Medioapical contractile pulses coordinated between cells regulate Drosophila eye morphogenesis. The Journal of cell biology, 223(2).

Toraason K, et al. (2024) Vertebrate-conserved Schnurri zinc fingers restrain Drosophila vein patterning. microPublication biology, 2024.

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.

Ponte S, et al. (2020) Drp1-mediated mitochondrial fission regulates calcium and F-actin dynamics during wound healing. Biology open, 9(5).

Del Signore SJ, et al. (2018) The WAVE Regulatory Complex and Branched F-Actin Counterbalance Contractile Force to Control Cell Shape and Packing in the Drosophila Eye. Developmental cell, 44(4), 471.

Chung S, et al. (2017) Uncoupling apical constriction from tissue invagination. eLife, 6.