

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.