

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

[y\[1\] w\[*\] cv\[1\] sqh\[AX3\]; P{w\[+mC\]=sqh-GFP.RLC}2](#)

RRID:BDSC_57144

Type: Organism

Proper Citation

RRID:BDSC_57144

Organism Information

URL: <https://n2t.net/bdsc:57144>

Proper Citation: RRID:BDSC_57144

Description: Drosophila melanogaster with name y[1] w[*] cv[1] sqh[AX3]; P{w[+mC]=sqh-GFP.RLC}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Susan Parkhurst, Fred Hutchinson Cancer Center; Donor's Source: Roger Karess, Paris Cite University

Affected Gene: cv, sqh, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 57144

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57144, BDSC:57144, BL57144

Organism Name: y[1] w[*] cv[1] sqh[AX3]; P{w[+mC]=sqh-GFP.RLC}2

Record Creation Time: 20240911T222850+0000

Record Last Update: 20260905T140807+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] cv[1] sqh[AX3]; P{w[+mC]=sqh-GFP.RLC}2.

No alerts have been found for y[1] w[*] cv[1] sqh[AX3]; P{w[+mC]=sqh-GFP.RLC}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Vishwakarma V, et al. (2026) Fog signaling is dispensable for Drosophila tracheal invagination. *Developmental biology*, 535, 58.

Harmansa S, et al. (2026) Mechanical regulation of cuboidal-to-squamous epithelial transition in the Drosophila developing wing. *Current biology : CB*, 36(6), 1525.

Dong Z, et al. (2025) TRPM-mediated mechanoreception regulates myosin oscillation during tissue elongation. *Current biology : CB*, 35(23), 5793.

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).

Hawkins R, et al. (2025) ReSCU-Nets: Recurrent U-Nets for segmentation of three-dimensional microscopy data. *The Journal of cell biology*, 224(11).

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. *EMBO reports*, 26(5), 1238.

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

Malin J, et al. (2024) Pten, PI3K, and PtdIns(3,4,5)P3 dynamics control pulsatile actin branching in Drosophila retina morphogenesis. *Developmental cell*, 59(12), 1593.

Singh A, et al. (2024) Dynamic interplay of microtubule and actomyosin forces drive tissue extension. *Nature communications*, 15(1), 3198.

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.

Verma D, et al. (2024) Regulation of Notch signaling by non-muscle myosin II Zipper in Drosophila. *Cellular and molecular life sciences : CMLS*, 81(1), 195.

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.

Wang J, et al. (2023) Preferential recruitment and stabilization of Myosin II at compartment boundaries in *Drosophila*. *Journal of cell science*, 136(5).

Fernandes AR, et al. (2023) *Drosophila* motor neuron boutons remodel through membrane blebbing coupled with muscle contraction. *Nature communications*, 14(1), 3352.

Doerflinger H, et al. (2022) The *Drosophila* anterior-posterior axis is polarized by asymmetric myosin activation. *Current biology : CB*, 32(2), 374.

Qu C, et al. (2022) RhoA/ROCK Signaling Regulates Drp1-Mediated Mitochondrial Fission During Collective Cell Migration. *Frontiers in cell and developmental biology*, 10, 882581.

Blackie L, et al. (2021) A combination of Notch signaling, preferential adhesion and endocytosis induces a slow mode of cell intercalation in the *Drosophila* retina. *Development (Cambridge, England)*, 148(10).

Losick VP, et al. (2021) The endocycle restores tissue tension in the *Drosophila* abdomen post wound repair. *Cell reports*, 37(2), 109827.

Rich A, et al. (2020) Rho1 activation recapitulates early gastrulation events in the ventral, but not dorsal, epithelium of *Drosophila* embryos. *eLife*, 9.

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