

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[y\[1\] w\[*\]; Tl{TI}shg\[mTomato\]](#)

RRID:BDSC_58789

Type: Organism

Proper Citation

RRID:BDSC_58789

Organism Information

URL: <https://n2t.net/bdsc:58789>

Proper Citation: RRID:BDSC_58789

Description: Drosophila melanogaster with name y[1] w[*]; Tl{TI}shg[mTomato] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Beth Stronach, University of Pittsburgh School of Medicine; Donor's Source: Yang Hong, University of Pittsburgh, Pittsburgh

Affected Gene: shg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 58789

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58789, BL58789

Organism Name: y[1] w[*]; Tl{TI}shg[mTomato]

Record Creation Time: 20240911T222906+0000

Record Last Update: 20260808T195200+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; TI{TI}shg[mTomato].

No alerts have been found for y[1] w[*]; TI{TI}shg[mTomato].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Bhattacharai A, et al. (2026) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *Development* (Cambridge, England), 153(1).

Sarkar S, et al. (2026) CLASP-dependent microtubule stabilization generates microtubule-based protrusive forces during Drosophila epithelial morphogenesis. *Current biology : CB*, 36(14), 3651.

Uechi H, et al. (2026) A conserved motif tunes Sidekick condensate dynamics to control tricellular junction recruitment during epithelial remodeling. *Cell reports*, 45(5), 117336.

Bhattacharai A, et al. (2025) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *bioRxiv : the preprint server for biology*.

Wang R, et al. (2025) Auxilin in enterocytes controls intestinal homeostasis through inter-cell communication. *Cell death & disease*, 16(1), 626.

Scepanovic G, et al. (2025) mTor limits autophagy to facilitate cell volume expansion and rapid wound repair in Drosophila embryos. *Developmental cell*, 60(10), 1400.

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

Cabrera AJH, et al. (2023) Remodeling of E-cadherin subcellular localization during cell dissemination. *Molecular biology of the cell*, 34(5), ar46.

Jneid R, et al. (2023) Bacillus thuringiensis toxins divert progenitor cells toward enteroendocrine fate by decreasing cell adhesion with intestinal stem cells in Drosophila. *eLife*, 12.

Villars A, et al. (2022) Microtubule disassembly by caspases is an important rate-limiting step of cell extrusion. *Nature communications*, 13(1), 3632.

Panzade S, et al. (2021) The Microtubule Minus-End Binding Protein Patronin Is Required for the Epithelial Remodeling in the Drosophila Abdomen. *Frontiers in cell and*

developmental biology, 9, 682083.

Scepanovic G, et al. (2021) p38-mediated cell growth and survival drive rapid embryonic wound repair. *Cell reports*, 37(3), 109874.

Valon L, et al. (2021) Robustness of epithelial sealing is an emerging property of local ERK feedback driven by cell elimination. *Developmental cell*, 56(12), 1700.

Palavalli A, et al. (2021) Deterministic and Stochastic Rules of Branching Govern Dendrite Morphogenesis of Sensory Neurons. *Current biology : CB*, 31(3), 459.

Ngo S, et al. (2020) Disruption of EGF Feedback by Intestinal Tumors and Neighboring Cells in *Drosophila*. *Current biology : CB*, 30(8), 1537.

DeAngelis MW, et al. (2020) Mask, a component of the Hippo pathway, is required for *Drosophila* eye morphogenesis. *Developmental biology*, 464(1), 53.

Fujisawa Y, et al. (2020) ROS Regulate Caspase-Dependent Cell Delamination without Apoptosis in the *Drosophila* Pupal Notum. *iScience*, 23(8), 101413.

Ramanathan SP, et al. (2019) Cell-Size Pleomorphism Drives Aberrant Clone Dispersal in Proliferating Epithelia. *Developmental cell*, 51(1), 49.

Brantley SE, et al. (2019) Somatic support cells regulate germ cell survival through the Baz/aPKC/Par6 complex. *Development (Cambridge, England)*, 146(8).