

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 8, 2025

## [y\[1\] w\[\\*\]; Mi{PT-GFSTF.1}Delta\[MI04868-GFSTF.1\]/TM6C, Sb\[1\] Tb\[1\]](#)

RRID:BDSC\_59819

Type: Organism

---

### Proper Citation

RRID:BDSC\_59819

---

### Organism Information

**URL:** <https://n2t.net/bdsc:59819>

**Proper Citation:** RRID:BDSC\_59819

**Description:** Drosophila melanogaster with name y[1] w[\*]; Mi{PT-GFSTF.1}Delta[MI04868-GFSTF.1]/TM6C, Sb[1] Tb[1] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

**Affected Gene:** Delta, Sb, Tb, w, y

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 59819

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC:59819, BL59819

**Organism Name:** y[1] w[\*]; Mi{PT-GFSTF.1}Delta[MI04868-GFSTF.1]/TM6C, Sb[1] Tb[1]

**Record Creation Time:** 20240911T222916+0000

**Record Last Update:** 20250331T213121+0000

---

## Ratings and Alerts

No rating or validation information has been found for y[1] w[\*]; Mi{PT-GFSTF.1}Delta[MI04868-GFSTF.1]/TM6C, Sb[1] Tb[1].

No alerts have been found for y[1] w[\*]; Mi{PT-GFSTF.1}Delta[MI04868-GFSTF.1]/TM6C, Sb[1] Tb[1].

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

---

## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang H, et al. (2024) Golgi-to-ER retrograde transport prevents premature differentiation of Drosophila type II neuroblasts via Notch-signal-sending daughter cells. *iScience*, 27(1), 108545.

Sood C, et al. (2024) Delta-dependent Notch activation closes the early neuroblast temporal program to promote lineage progression and neurogenesis termination in Drosophila. *eLife*, 12.

Loyer N, et al. (2024) A CDK1 phosphorylation site on Drosophila PAR-3 regulates neuroblast polarisation and sensory organ formation. *eLife*, 13.

Kalodimou K, et al. (2023) Separable Roles for Neur and Ubiquitin in Delta Signalling in the Drosophila CNS Lineages. *Cells*, 12(24).

Nassari S, et al. (2022) Rab21 in enterocytes participates in intestinal epithelium maintenance. *Molecular biology of the cell*, 33(4), ar32.

Sood C, et al. (2022) Notch signaling regulates neural stem cell quiescence entry and exit in Drosophila. *Development (Cambridge, England)*, 149(4).

Wang M, et al. (2021) Intracellular trafficking of Notch orchestrates temporal dynamics of Notch activity in the fly brain. *Nature communications*, 12(1), 2083.

Johansson J, et al. (2019) RAL GTPases Drive Intestinal Stem Cell Function and Regeneration through Internalization of WNT Signalosomes. *Cell stem cell*, 24(4), 592.

Berndt N, et al. (2017) Ubiquitylation-independent activation of Notch signalling by Delta. *eLife*, 6.

Zhai Z, et al. (2017) A genetic framework controlling the differentiation of intestinal stem cells during regeneration in *Drosophila*. *PLoS genetics*, 13(6), e1006854.