

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[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, 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: 20260912T204105+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 9 mentions in open access literature.

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

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.