

Resource Summary Report

Generated by SPARC SAWG on Aug 31, 2026

w[*]; P{w[+mC]=UAS-eiger.RNAi}3/TM3, Sb[1] Ser[1]

RRID:BDSC_58993

Type: Organism

Proper Citation

RRID:BDSC_58993

Organism Information

URL: <https://n2t.net/bdsc:58993>

Proper Citation: RRID:BDSC_58993

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-eiger.RNAi}3/TM3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Beth Stronach, University of Pittsburgh School of Medicine; Donor's Source: Masayuki Miura, University of Tokyo

Affected Gene: egr, UAS, Sb, Ser, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 58993

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58993, BL58993

Organism Name: w[*]; P{w[+mC]=UAS-eiger.RNAi}3/TM3, Sb[1] Ser[1]

Record Creation Time: 20240911T222908+0000

Record Last Update: 20260829T190506+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-eiger.RNAi}3/TM3, Sb[1] Ser[1].

No alerts have been found for w[*]; P{w[+mC]=UAS-eiger.RNAi}3/TM3, Sb[1] Ser[1].

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](#) .

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. bioRxiv : the preprint server for biology.

Simmons C, et al. (2025) Adipocyte-Derived CCHamide-1, Eiger, Growth-Blocking Peptide 3, and Unpaired 2 Regulate Drosophila melanogaster Oogenesis. Biomolecules, 15(4).

Singh A, et al. (2025) Cell-death induced immune response and coagulopathy promote cachexia in Drosophila. bioRxiv : the preprint server for biology.

Esteban-Collado J, et al. (2024) Reactive oxygen species activate the Drosophila TNF receptor Wengen for damage-induced regeneration. The EMBO journal, 43(17), 3604.

Connell M, et al. (2024) Kin17 regulates proper cortical localization of Miranda in Drosophila neuroblasts by regulating Flfl expression. Cell reports, 43(3), 113823.

Zhang P, et al. (2024) Inter-cell type interactions that control JNK signaling in the Drosophila intestine. Nature communications, 15(1), 5493.

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in Drosophila larvae. PLoS genetics, 20(4), e1011237.

Rodríguez-Vázquez M, et al. (2024) Fat body glycolysis defects inhibit mTOR and promote distant muscle disorganization through TNF- α /egr and ImpL2 signaling in Drosophila larvae. EMBO reports, 25(10), 4410.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. Nature, 623(7985), 122.

Losada-Pérez M, et al. (2021) A novel injury paradigm in the central nervous system of adult Drosophila: molecular, cellular and functional aspects. Disease models & mechanisms, 14(5).

- Klemm J, et al. (2021) Necrosis-induced apoptosis promotes regeneration in *Drosophila* wing imaginal discs. *Genetics*, 219(3).
- Chang YC, et al. (2020) Upregulated TNF/Eiger signaling mediates stem cell recovery and tissue homeostasis during nutrient resupply in *Drosophila* testis. *Scientific reports*, 10(1), 11674.
- Portela M, et al. (2020) Cell-to-cell communication mediates glioblastoma progression in *Drosophila*. *Biology open*, 9(9).
- Muliyil S, et al. (2020) ADAM17-triggered TNF signalling protects the ageing *Drosophila* retina from lipid droplet-mediated degeneration. *The EMBO journal*, 39(17), e104415.
- Yang SA, et al. (2019) Oncogenic Notch Triggers Neoplastic Tumorigenesis in a Transition-Zone-like Tissue Microenvironment. *Developmental cell*, 49(3), 461.
- Texada MJ, et al. (2019) A fat-tissue sensor couples growth to oxygen availability by remotely controlling insulin secretion. *Nature communications*, 10(1), 1955.
- Beira JV, et al. (2018) Signalling crosstalk during early tumorigenesis in the absence of Polycomb silencing. *PLoS genetics*, 14(1), e1007187.
- Marchal C, et al. (2012) The HIV-1 Vpu protein induces apoptosis in *Drosophila* via activation of JNK signaling. *PloS one*, 7(3), e34310.
- Wu Y, et al. (2009) Ras promotes cell survival by antagonizing both JNK and Hid signals in the *Drosophila* eye. *BMC developmental biology*, 9, 53.