

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 9, 2025

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=TRE-DsRedT4}attP16](#)

RRID:BDSC_59012

Type: Organism

Proper Citation

RRID:BDSC_59012

Organism Information

URL: <https://n2t.net/bdsc:59012>

Proper Citation: RRID:BDSC_59012

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=TRE-DsRedT4}attP16 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Beth Stronach, University of Pittsburgh School of Medicine; Donor's Source: Dirk Bohmann, University of Rochester Medical Center

Affected Gene: Disc\RFP, TRE (Jun/Fos target site), w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 59012

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:59012, BL59012

Organism Name: w[*]; P{y[+t7.7] w[+mC]=TRE-DsRedT4}attP16

Record Creation Time: 20240911T222908+0000

Record Last Update: 20250420T060003+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=TRE-DsRedT4}attP16.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=TRE-DsRedT4}attP16.

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 [FDI Lab - SciCrunch.org](#).

Maurya D, et al. (2024) Transient caspase-mediated activation of caspase-activated DNase causes DNA damage required for phagocytic macrophage differentiation. Cell reports, 43(5), 114251.

Gera J, et al. (2024) High sugar diet-induced fatty acid oxidation potentiates cytokine-dependent cardiac ECM remodeling. The Journal of cell biology, 223(9).

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in Drosophila. Science advances, 8(7), eabj4991.

Farrell L, et al. (2022) Actin remodeling mediates ROS production and JNK activation to drive apoptosis-induced proliferation. PLoS genetics, 18(12), e1010533.

Xu DC, et al. (2022) Non-apoptotic activation of Drosophila caspase-2/9 modulates JNK signaling, the tumor microenvironment, and growth of wound-like tumors. Cell reports, 39(3), 110718.

Amcheslavsky A, et al. (2020) Transiently "Undead" Enterocytes Mediate Homeostatic Tissue Turnover in the Adult Drosophila Midgut. Cell reports, 33(8), 108408.

Yang SA, et al. (2019) Oncogenic Notch Triggers Neoplastic Tumorigenesis in a Transition-Zone-like Tissue Microenvironment. Developmental cell, 49(3), 461.

Iida C, et al. (2019) JNK-mediated Slit-Robo signaling facilitates epithelial wound repair by extruding dying cells. Scientific reports, 9(1), 19549.