

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[w\[1118\]; foxo\[Delta94\]/TM6B, Tb\[1\]](#)

RRID:BDSC_42220

Type: Organism

Proper Citation

RRID:BDSC_42220

Organism Information

URL: <https://n2t.net/bdsc:42220>

Proper Citation: RRID:BDSC_42220

Description: Drosophila melanogaster with name w[1118]; foxo[Delta94]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Linda Partridge, University College London

Affected Gene: foxo, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 42220

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42220, BDSC:42220, BL42220

Organism Name: w[1118]; foxo[Delta94]/TM6B, Tb[1]

Record Creation Time: 20240911T222701+0000

Record Last Update: 20260912T203806+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; foxo[Delta94]/TM6B, Tb[1].

No alerts have been found for w[1118]; foxo[Delta94]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Ribeiro V, et al. (2026) Genome-wide screen for deficiencies modifying Cyclin G-induced developmental instability in *Drosophila melanogaster*. *Genetics*, 232(3).

Huang S, et al. (2025) Enhanced memory despite severe sleep loss in *Drosophila* insomniac mutants. *PLoS biology*, 23(3), e3003076.

Li Y, et al. (2023) Bioorthogonal Stimulated Raman Scattering Imaging Uncovers Lipid Metabolic Dynamics in *Drosophila* Brain During Aging. *GEN biotechnology*, 2(3), 247.

Rigal J, et al. (2022) Artificially stimulating retrotransposon activity increases mortality and accelerates a subset of aging phenotypes in *Drosophila*. *eLife*, 11.

Lyu Y, et al. (2021) *Drosophila* serotonin 2A receptor signaling coordinates central metabolic processes to modulate aging in response to nutrient choice. *eLife*, 10.

Teseo S, et al. (2021) *G. sinense* and *P. notoginseng* Extracts Improve Healthspan of Aging Flies and Provide Protection in A Huntington Disease Model. *Aging and disease*, 12(2), 425.

van Dam E, et al. (2020) Sugar-Induced Obesity and Insulin Resistance Are Uncoupled from Shortened Survival in *Drosophila*. *Cell metabolism*, 31(4), 710.

Kwon SY, et al. (2020) Oxidised metabolites of the omega-6 fatty acid linoleic acid activate dFOXO. *Life science alliance*, 3(2).

Poe AR, et al. (2020) Low FoxO expression in *Drosophila* somatosensory neurons protects dendrite growth under nutrient restriction. *eLife*, 9.

McLaughlin CN, et al. (2019) Dying Neurons Utilize Innate Immune Signaling to Prime Glia for Phagocytosis during Development. *Developmental cell*, 48(4), 506.

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. *Developmental cell*, 49(3), 473.

Deshpande N, et al. (2018) Chromatin That Guides Dosage Compensation Is Modulated by the siRNA Pathway in *Drosophila melanogaster*. *Genetics*, 209(4), 1085.

Ro J, et al. (2016) Serotonin signaling mediates protein valuation and aging. eLife, 5.

Mahoney RE, et al. (2016) Insulin signaling controls neurotransmission via the 4eBP-dependent modification of the exocytotic machinery. eLife, 5.