

Resource Summary Report

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[y\[1\] w\[*\]; P{w\[+mC\]=UAS-foxo.P}2](#)

RRID:BDSC_9575

Type: Organism

Proper Citation

RRID:BDSC_9575

Organism Information

URL: <https://n2t.net/bdsc:9575>

Proper Citation: RRID:BDSC_9575

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-foxo.P}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Oscar Puig, University of Helsinki

Affected Gene: foxo, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9575

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:9575, BL9575

Organism Name: y[1] w[*]; P{w[+mC]=UAS-foxo.P}2

Record Creation Time: 20240911T222226+0000

Record Last Update: 20250420T054113+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-foxo.P}2.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-foxo.P}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Kharrat B, et al. (2024) Dual role for Headcase in hemocyte progenitor fate determination in *Drosophila melanogaster*. PLoS genetics, 20(10), e1011448.

Bakopoulos D, et al. (2023) Convergent insulin and TGF- β signalling drives cancer cachexia by promoting aberrant fat body ECM accumulation in a *Drosophila* tumour model. EMBO reports, 24(12), e57695.

Kosakamoto H, et al. (2023) Early-adult methionine restriction reduces methionine sulfoxide and extends lifespan in *Drosophila*. Nature communications, 14(1), 7832.

Rimal S, et al. (2023) Reverse electron transfer is activated during aging and contributes to aging and age-related disease. EMBO reports, 24(4), e55548.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the *Drosophila* testis niche. eLife, 11.

Nam S, et al. (2022) Tctp regulates the level and localization of Foxo for cell growth in *Drosophila*. Cell death discovery, 8(1), 146.

Brooks D, et al. (2022) Independent pathways control muscle tissue size and sarcomere remodeling. Developmental biology, 490, 1.

Manola MS, et al. (2021) Differential Dose- and Tissue-Dependent Effects of foxo on Aging, Metabolic and Proteostatic Pathways. Cells, 10(12).

Wagner C, et al. (2021) Constitutive immune activity promotes JNK- and FoxO-dependent remodeling of *Drosophila* airways. Cell reports, 35(1), 108956.

Tiwari SK, et al. (2020) Fatty acid β -oxidation is required for the differentiation of larval hematopoietic progenitors in *Drosophila*. *eLife*, 9.

Tsakiri EN, et al. (2019) Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. *Autophagy*, 15(10), 1757.

Wu C, et al. (2019) Snail modulates JNK-mediated cell death in *Drosophila*. *Cell death & disease*, 10(12), 893.

Lang S, et al. (2019) A conserved role of the insulin-like signaling pathway in diet-dependent uric acid pathologies in *Drosophila melanogaster*. *PLoS genetics*, 15(8), e1008318.

Kwon MJ, et al. (2018) Coiled-coil structure-dependent interactions between polyQ proteins and Foxo lead to dendrite pathology and behavioral defects. *Proceedings of the National Academy of Sciences of the United States of America*, 115(45), E10748.

Pamudurti NR, et al. (2017) Translation of CircRNAs. *Molecular cell*, 66(1), 9.