

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, BDSC:9575, BL9575

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

Record Creation Time: 20240911T222226+0000

Record Last Update: 20260912T203159+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 19 mentions in open access literature.

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

Kharrat B, et al. (2025) A novel role for Hsc70-4 in blood cell differentiation in Drosophila. *Frontiers in immunology*, 16, 1641695.

Ramesh P, et al. (2024) The NF- κ B Factor Relish maintains blood progenitor homeostasis in the developing Drosophila lymph gland. *PLoS genetics*, 20(9), e1011403.

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.

Wen DT, et al. (2023) Role of muscle FOXO gene in exercise against the skeletal muscle and cardiac age-related defects and mortality caused by high-salt intake in Drosophila. *Genes & nutrition*, 18(1), 6.

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.

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

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

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.

Chen YR, et al. (2019) Aging-induced Akt activation involves in aging-related pathologies and A β -induced toxicity. *Aging cell*, 18(4), e12989.

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.