Resource Summary Report

Generated by ASWG on Aug 7, 2026

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: 20260801T194705+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 ASWG .

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-?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-? 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 ?-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?-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.