Resource Summary Report

Generated by dkNET on Sep 3, 2026

y[1] w[1118]; P{w[+mC]=UAS-Akt.Exel}2

RRID:BDSC_8191
Type: Organism

Proper Citation

RRID:BDSC_8191

Organism Information

URL: https://n2t.net/bdsc:8191

Proper Citation: RRID:BDSC_8191

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mC]=UAS-Akt.Exel}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: Akt, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8191

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8191, BL8191

Organism Name: y[1] w[1118]; P{w[+mC]=UAS-Akt.Exel}2

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260829T185556+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mC]=UAS-Akt.Exel}2.

No alerts have been found for y[1] w[1118]; P{w[+mC]=UAS-Akt.Exel}2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Ranxhi B, et al. (2025) The effect of AKT inhibition in ?-synuclein-dependent neurodegeneration. Frontiers in molecular neuroscience, 18, 1524044.

Costa-Rodrigues C, et al. (2025) Dietary Interventions Modulate Cell Competition and Locomotor Decline in an Alzheimer's Disease Drosophila Model. Cells, 14(24).

Lane AR, et al. (2025) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. Molecular biology of the cell, 36(3), ar33.

Katz MJ, et al. (2025) Autophagy controls differentiation of Drosophila blood cells by regulating Notch levels in response to nutrient availability. Nature communications, 16(1), 5858.

Kim CJ, et al. (2025) Drosophila miR-263b-5p controls wing developmental growth by targeting Akt. Animal cells and systems, 29(1), 35.

Tan JYK, et al. (2024) Interplay between autophagy and CncC regulates dendrite pruning in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310740121.

Datta I, et al. (2024) Senescent cells and macrophages cooperate through a multi-kinase signaling network to promote intestinal transformation in Drosophila. Developmental cell, 59(5), 566.

Kosakamoto H, et al. (2024) Context-dependent impact of the dietary non-essential amino acid tyrosine on Drosophila physiology and longevity. Science advances, 10(35), eadn7167.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

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.

Li Y, et al. (2022) Metabolic control of progenitor cell propagation during Drosophila tracheal remodeling. Nature communications, 13(1), 2817.

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.

Sujkowski A, et al. (2021) Exercise and Sestrin Mediate Speed and Lysosomal Activity in Drosophila by Partially Overlapping Mechanisms. Cells, 10(9).

Li S, et al. (2020) Quality-control mechanisms targeting translationally stalled and C-terminally extended poly(GR) associated with ALS/FTD. Proceedings of the National Academy of Sciences of the United States of America, 117(40), 25104.

Kim M, et al. (2020) Sestrins are evolutionarily conserved mediators of exercise benefits. Nature communications, 11(1), 190.

Kaur H, et al. (2019) Lar maintains the homeostasis of the hematopoietic organ in Drosophila by regulating insulin signaling in the niche. Development (Cambridge, England), 146(24).

Sharma A, et al. (2018) Insulin signaling modulates border cell movement in Drosophila oogenesis. Development (Cambridge, England), 145(14).