Resource Summary Report

Generated by Kravitz on Sep 11, 2026

y[1] w[1118]; P{w[+mC]=UAS-lacZ.Exel}3

RRID:BDSC_8530
Type: Organism

Proper Citation

RRID:BDSC_8530

Organism Information

URL: https://n2t.net/bdsc:8530

Proper Citation: RRID:BDSC_8530

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mC]=UAS-lacZ.Exel}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: Ecol\lacZ, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8530

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8530, BDSC:8530, BL8530

Organism Name: y[1] w[1118]; P{w[+mC]=UAS-lacZ.Exel}3

Record Creation Time: 20240911T222217+0000

Record Last Update: 20260905T135848+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mC]=UAS-lacZ.Exel}3.

No alerts have been found for y[1] w[1118]; P{w[+mC]=UAS-lacZ.Exel}3.

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 Kravitz .

Tsao WC, et al. (2025) Splicing factor Sf3b1 facilitates maintenance of neuronal dendrites by modulating mitochondrial health. Cellular and molecular life sciences : CMLS, 82(1), 347.

Tzou FY, et al. (2025) Dihydroceramide desaturase modulates autolysosome maturation and ameliorates CRB1 retinopathy. Biochimica et biophysica acta. Molecular basis of disease, 1871(5), 167736.

Yu M, et al. (2025) Distinct roles of clustered MicroRNAs miR-286 and miR-6 in JNK activation critical to apoptosis-induced proliferation in Drosophila. Cellular and molecular life sciences : CMLS, 82(1), 415.

Hsiao CT, et al. (2025) Restoration of Shal/KV4 proteostasis and motor function in a Drosophila model of spinocerebellar ataxia type 19/22. Cellular and molecular life sciences : CMLS, 82(1), 181.

Imomnazarov K, et al. (2024) Biochemical fractionation of human ?-Synuclein in a Drosophila model of synucleinopathies. bioRxiv : the preprint server for biology.

Jang S, et al. (2024) Neuronal fatty acid-binding protein enhances autophagy and suppresses amyloid-? pathology in a Drosophila model of Alzheimer's disease. PLoS genetics, 20(11), e1011475.

Imomnazarov K, et al. (2024) Biochemical Fractionation of Human ?-Synuclein in a Drosophila Model of Synucleinopathies. International journal of molecular sciences, 25(7).

Olmos V, et al. (2024) Dysregulation of alternative splicing in spinocerebellar ataxia type 1. Human molecular genetics, 33(2), 138.

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

Kang KH, et al. (2023) PINK1 and Parkin Ameliorate the Loss of Motor Activity and Mitochondrial Dysfunction Induced by Peripheral Neuropathy-Associated HSPB8 Mutants in Drosophila Models. Biomedicines, 11(3).

Heckman EL, et al. (2022) Presynaptic contact and activity opposingly regulate postsynaptic dendrite outgrowth. eLife, 11.

Valdes-Aleman J, et al. (2021) Comparative Connectomics Reveals How Partner Identity, Location, and Activity Specify Synaptic Connectivity in Drosophila. Neuron, 109(1), 105.

Ho CH, et al. (2020) Specific Isoforms of the Guanine-Nucleotide Exchange Factor dPix Couple Neuromuscular Synapse Growth to Muscle Growth. Developmental cell, 54(1), 117.

Sales EC, et al. (2019) Regulation of subcellular dendritic synapse specificity by axon guidance cues. eLife, 8.

Bayer FE, et al. (2018) Overexpression of the Drosophila ATR homologous checkpoint kinase Mei-41 induces a G2/M checkpoint in Drosophila imaginal tissue. Hereditas, 155, 27.