Resource Summary Report

Generated by T1D on Sep 6, 2026

w[*]; P{w[+mW.hs]=GawB}insc[Mz1407]

RRID:BDSC_8751
Type: Organism

Proper Citation

RRID:BDSC_8751

Organism Information

URL: https://n2t.net/bdsc:8751

Proper Citation: RRID:BDSC_8751

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}insc[Mz1407] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Peter Kolodziej, Vanderbilt University

Affected Gene: GAL4, insc, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8751

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8751, BDSC:8751, BL8751

Organism Name: w[*]; P{w[+mW.hs]=GawB}insc[Mz1407]

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260905T135851+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}insc[Mz1407].

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}insc[Mz1407].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 53 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Hailstock T, et al. (2026) Orb2 RNA-binding activity promotes neural stem cell development and brain growth in Drosophila larvae. Cell reports, 45(7), 117680.

Joshi NS, et al. (2026) aPKC and F-actin dynamics promote Hippo pathway polarity in asymmetrically dividing neuroblasts. Biology open, 15(3).

Altay MF, et al. (2026) Heterozygous loss of SRRM1 may be associated with neurodevelopmental phenotypes and anomalies in cell growth and neurite morphology. European journal of human genetics : EJHG, 34(2), 201.

Yagoubat A, et al. (2025) Asymmetric microtubule nucleation from Golgi stacks promotes opposite microtubule polarity in axons and dendrites. Current biology : CB, 35(6), 1311.

Adebambo TH, et al. (2025) Arsenic impairs Drosophila neural stem cell mitotic progression and sleep behavior in a tauopathy model. G3 (Bethesda, Md.), 15(5).

Moura M, et al. (2025) Polo kinase inhibits protein phosphatase 1 to promote the spindle assembly checkpoint and prevent aneuploidy. Current biology : CB, 35(21), 5289.

Roy PR, et al. (2025) Loss of Neuronal Imp Contributes to Seizure Behavior through Syndecan Function. eNeuro, 12(5).

Narbonne-Reveau K, et al. (2025) In vivo AGO-APP identifies a module of microRNAs cooperatively preserving neural progenitors. PLoS genetics, 21(4), e1011680.

Hailstock T, et al. (2025) The CPEB ortholog Orb2 regulates brain size through the TRIM-NHL RNA-binding protein, Brain tumor. bioRxiv : the preprint server for biology.

Gujar MR, et al. (2025) Arf1 and ARFGEF2/Sec71 control neuroblast polarity by anchoring nonmuscle myosin II. Proceedings of the National Academy of Sciences of the United States of America, 122(15), e2419468122.

Tahmasebinia F, et al. (2025) The 40S ribosomal subunit recycling complex modulates mitochondrial dynamics and endoplasmic reticulum - mitochondria tethering at mitochondrial fission/fusion hotspots. Nature communications, 16(1), 1021.

Wint R, et al. (2024) Transfer RNA Levels Are Tuned to Support Differentiation During Drosophila Neurogenesis. Genes, 15(12).

Parra AS, et al. (2024) The RNA-binding protein Modulo promotes neural stem cell maintenance in Drosophila. PloS one, 19(12), e0309221.

Khaket TP, et al. (2024) Ribosome stalling during c-myc translation presents actionable cancer cell vulnerability. PNAS nexus, 3(8), pgae321.

Stewart RK, et al. (2024) Orb2 enables rare-codon-enriched mRNA expression during Drosophila neuron differentiation. Nature communications, 15(1), 5270.

Mu??oz-Oreja M, et al. (2024) Elevated cholesterol in ATAD3 mutants is a compensatory mechanism that leads to membrane cholesterol aggregation. Brain : a journal of neurology, 147(5), 1899.

Adebambo TH, et al. (2024) Arsenic impairs Drosophila neural stem cell mitotic progression and sleep behavior in a tauopathy model. bioRxiv : the preprint server for biology.

Benchorin G, et al. (2024) Dan forms condensates in neuroblasts and regulates nuclear architecture and progenitor competence in vivo. Nature communications, 15(1), 5097.

Kasturacharya N, et al. (2023) A STIM dependent dopamine-neuropeptide axis maintains the larval drive to feed and grow in Drosophila. PLoS genetics, 19(6), e1010435.

Jones KA, et al. (2023) Cooperative regulation of C1-domain membrane recruitment polarizes atypical protein kinase C. The Journal of cell biology, 222(10).