

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[w\[*\]; P{w\[+mW.hs\]=GAL4-da.G32}UH1, Sb\[1\]/TM6B, Tb\[1\]](#)

RRID:BDSC_55851

Type: Organism

Proper Citation

RRID:BDSC_55851

Organism Information

URL: <https://n2t.net/bdsc:55851>

Proper Citation: RRID:BDSC_55851

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GAL4-da.G32}UH1, Sb[1]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Sb[1] is a guess. Sb[1] chromosome may be the balancer MKRS. Donor: Elisabeth Knust, Max Planck Institute of Molecular Cell Biology and Genetics

Affected Gene: da, GAL4, Sb, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 55851

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55851, BL55851

Organism Name: w[*]; P{w[+mW.hs]=GAL4-da.G32}UH1, Sb[1]/TM6B, Tb[1]

Record Creation Time: 20240911T222838+0000

Record Last Update: 20260801T195520+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GAL4-da.G32}UH1, Sb[1]/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mW.hs]=GAL4-da.G32}UH1, Sb[1]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Parra-Torres M, et al. (2026) Aberrant NSUN1 activity connects m5C-RNA modification to TDP-43 neurotoxicity in ALS/FTD. Life science alliance, 9(1).

Couto-Lima CA, et al. (2025) Impairment of Muscle Function Causes Pupal Lethality in Flies Expressing the Mitochondrial Alternative Oxidase. Biomolecules, 15(4).

Stefanatos R, et al. (2025) Developmental mitochondrial complex I activity determines lifespan. EMBO reports, 26(8), 1957.

Lee KM, et al. (2025) Exploring mitophagy levels in Drosophila Malpighian tubules unveils the pivotal role of mitophagy in kidney function and diabetic kidney disease. Experimental & molecular medicine, 57(10), 2364.

Ma M, et al. (2025) Heterozygous variants in PLCG1 affect hearing, vision, cardiac, and immune function. eLife, 13.

Ma M, et al. (2024) De novo variants in PLCG1 are associated with hearing impairment, ocular pathology, and cardiac defects. medRxiv : the preprint server for health sciences.

Moehlman AT, et al. (2023) Loss of STING in parkin mutant flies suppresses muscle defects and mitochondria damage. PLoS genetics, 19(7), e1010828.

Ma M, et al. (2023) The fly homolog of SUPT16H, a gene associated with neurodevelopmental disorders, is required in a cell-autonomous fashion for cell survival. Human molecular genetics, 32(6), 984.

Tepe B, et al. (2023) Bi-allelic variants in INTS11 are associated with a complex neurological disorder. American journal of human genetics, 110(5), 774.

Li X, et al. (2023) A distinct Acyl-CoA binding protein (ACBP6) shapes tissue plasticity during nutrient adaptation in Drosophila. Nature communications, 14(1), 7599.

Guichard A, et al. (2023) A comprehensive Drosophila resource to identify key functional interactions between SARS-CoV-2 factors and host proteins. *Cell reports*, 42(8), 112842.

Kalodimou K, et al. (2023) Separable Roles for Neur and Ubiquitin in Delta Signalling in the Drosophila CNS Lineages. *Cells*, 12(24).

Mlih M, et al. (2022) Integrin-ECM interactions and membrane-associated Catalase cooperate to promote resilience of the Drosophila intestinal epithelium. *PLoS biology*, 20(5), e3001635.

Fuse N, et al. (2022) Transcriptome features of innate immune memory in Drosophila. *PLoS genetics*, 18(10), e1010005.

Darnat P, et al. (2022) Cortical Cyclin A controls spindle orientation during asymmetric cell divisions in Drosophila. *Nature communications*, 13(1), 2723.

Valko A, et al. (2022) Adaptation to hypoxia in Drosophila melanogaster requires autophagy. *Autophagy*, 18(4), 909.

Cao WX, et al. (2022) The F-box protein Bard (CG14317) targets the Smaug RNA-binding protein for destruction during the Drosophila maternal-to-zygotic transition. *Genetics*, 220(1).

Rahman A, et al. (2022) GMAP is an Atg8a-interacting protein that regulates Golgi turnover in Drosophila. *Cell reports*, 39(9), 110903.

Hilsabeck TAU, et al. (2022) A fly GWAS for purine metabolites identifies human FAM214 homolog medusa, which acts in a conserved manner to enhance hyperuricemia-driven pathologies by modulating purine metabolism and the inflammatory response. *GeroScience*, 44(4), 2195.

Nandi N, et al. (2022) A phosphoswitch at acinus-serine437 controls autophagic responses to cadmium exposure and neurodegenerative stress. *eLife*, 11.