

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

P{w[+mW.hs]=GawB}elav[C155]

RRID:BDSC_458

Type: Organism

Proper Citation

RRID:BDSC_458

Organism Information

URL: <https://n2t.net/bdsc:458>

Proper Citation: RRID:BDSC_458

Description: Drosophila melanogaster with name P{w[+mW.hs]=GawB}elav[C155] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Corey Goodman, University of California, Berkeley

Affected Gene: elav, GAL4

Genomic Alteration: Chromosome 1

Catalog Number: 458

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_458, BL458

Organism Name: P{w[+mW.hs]=GawB}elav[C155]

Record Creation Time: 20240911T222122+0000

Record Last Update: 20260829T185443+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mW.hs]=GawB}elav[C155].

No alerts have been found for P{w[+mW.hs]=GawB}elav[C155].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 380 mentions in open access literature.

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

Townsley RE, et al. (2026) NLGN3 autism variants have distinct functional impact on synapses and sleep behavior in Drosophila. bioRxiv : the preprint server for biology.

Das S, et al. (2026) Analysis of Fall and Jump Behaviors in Freely Moving Drosophila melanogaster Using 58 fps Video. Insects, 17(6).

Shinno K, et al. (2026) Axonal distribution of mitochondria maintains neuronal autophagy during aging via eIF2?. eLife, 13.

Filoševi? Vujnovi? A, et al. (2026) Cocaine remodels m6A RNA-dependent signaling to drive locomotor plasticity in Drosophila melanogaster. Frontiers in cellular neuroscience, 20, 1810118.

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.

Sciortino M, et al. (2026) Protocol for using an ELISA to detect total ?-synuclein levels in Drosophila melanogaster lines expressing human ?-synuclein point mutations. STAR protocols, 7(2), 104576.

Stinchfield MJ, et al. (2026) Both isoforms of Drosophila ApoLpp (ApoB) cross the blood-brain barrier in adults. Genetics, 232(1).

Moulin TC, et al. (2026) Conserved NT5C2 links context-specific behaviors with psychiatric and metabolic risk. Behavioral and brain functions : BBF, 22(1), 7.

Tamberg L, et al. (2026) The E-Protein Daughterless Regulates Olfactory Learning of Adult Drosophila melanogaster. eNeuro, 13(1).

Madamanchi K, et al. (2026) Shaker potassium channel mediates an age-sensitive neurocardiac axis regulating sleep and cardiac function in Drosophila. Biogerontology, 27(1), 41.

Sciortino M, et al. (2026) Protocol for using an ELISA to detect total ?-synuclein levels in Drosophila melanogaster lines expressing human ?-synuclein point mutations. bioRxiv : the preprint server for biology.

Tamura A, et al. (2026) 5-ALA/SFC Mitigates Tau Toxicity via Lowering Oxidative Stress in a Drosophila Model of Tau Toxicity. *Life (Basel, Switzerland)*, 16(5).

Duan X, et al. (2026) Stabilized Ion Selectivity Corrects Activation Drift in Kalium Channelrhodopsins. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(6), e09180.

Das J, et al. (2026) Pathogenic mutations in clathrin heavy chain disrupt synapse architecture and learning in Drosophila. *iScience*, 29(7), 116317.

Thomas MG, et al. (2026) Development of an in vivo, screenable, split-luciferase based model of huntingtin multimerization. *iScience*, 29(7), 116660.

Terry BK, et al. (2026) Individuals with reported and novel KDM5C variants present with seizures, a feature recapitulated in a Drosophila model. *Human molecular genetics*, 35(4).

Viragh E, et al. (2026) Pre-Pulse Inhibition of an escape response in adult fruit fly, *Drosophila melanogaster*. *Translational psychiatry*, 16(1), 22.

Fuwa TJ, et al. (2026) Hemocyte-secreted papilin bearing mucin-type O-glycans regulates peripodial stalk formation via epidermal JAK/STAT signaling in Drosophila. *iScience*, 29(3), 115054.

Bangash ZR, et al. (2026) Polyamine metabolic enzyme SAT1 remodels the neuronal transcriptome and rescues α -synuclein toxicity in Drosophila. *Research square*.

Girard V, et al. (2026) ShineGAL4 drivers for tissue and cell-type specific optogenetics in Drosophila. *Development (Cambridge, England)*, 153(4).