

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 18, 2025

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: 20250331T210532+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 248 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Dominicci-Cotto C, et al. (2024) The Wingless planar cell polarity pathway is essential for optimal activity-dependent synaptic plasticity. *Frontiers in synaptic neuroscience*, 16, 1322771.

Yin J, et al. (2024) Glia-derived secretory fatty acid binding protein Obp44a regulates lipid storage and efflux in the developing Drosophila brain. *bioRxiv : the preprint server for biology*.

Viragh E, et al. (2024) Pre-Pulse Inhibition of an escape response in adult fruit fly, *Drosophila melanogaster*. *Research square*.

Ji S, et al. (2024) Toll-mediated airway homeostasis is essential for fly survival upon injection of RasV12-GFP oncogenic cells. *Cell reports*, 43(2), 113677.

Yheskel M, et al. (2024) KDM5-mediated transcriptional activation of ribosomal protein genes alters translation efficiency to regulate mitochondrial metabolism in neurons. *Nucleic acids research*, 52(11), 6201.

Hussain R, et al. (2024) Drosophila expressing mutant human KCNT1 transgenes make an effective tool for targeted drug screening in a whole animal model of KCNT1-epilepsy. *Scientific reports*, 14(1), 3357.

Tan WJ, et al. (2024) Deciphering the roles of subcellular distribution and interactions involving the MEF2 binding region, the ankyrin repeat binding motif and the catalytic site of HDAC4 in Drosophila neuronal morphogenesis. *BMC biology*, 22(1), 2.

Sukumar SK, et al. (2024) The Alk receptor tyrosine kinase regulates Sparkly, a novel activity regulating neuropeptide precursor in the Drosophila central nervous system. *eLife*, 12.

Peng D, et al. (2024) Large-language models facilitate discovery of the molecular signatures regulating sleep and activity. *Nature communications*, 15(1), 3685.

Merrill CB, et al. (2024) Iterative assay for transposase-accessible chromatin by sequencing to isolate functionally relevant neuronal subtypes. *Science advances*, 10(13), eadi4393.

Park HS, et al. (2024) Orange maker: a CRISPR/Cas9-mediated genome editing and screening project to generate orange-eyed DarkJedi GAL4 lines by undergraduate students. *Scientific reports*, 14(1), 18778.

Nair S, et al. (2024) Anti-tau single domain antibodies clear pathological tau and attenuate its toxicity and related functional defects. *Cell death & disease*, 15(7), 543.

Menzies JAC, et al. (2024) A microRNA that controls the emergence of embryonic movement. *eLife*, 13.

Sujkowski A, et al. (2024) Progressive degeneration in a new Drosophila model of spinocerebellar ataxia type 7. *Scientific reports*, 14(1), 14332.

Kim SM, et al. (2024) Rab11 suppresses neuronal stress signaling by localizing dual leucine zipper kinase to axon terminals for protein turnover. *eLife*, 13.

Liguori F, et al. (2024) Pan-neuronal expression of human mutant SOD1 in Drosophila impairs survival and motor performance, induces early neuroinflammation and chromosome aberrations. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(5), 167192.

Ott S, et al. (2024) Kalium channelrhodopsins effectively inhibit neurons. *Nature communications*, 15(1), 3480.

Mou W, et al. (2024) Upregulation of neuronal ER-phagy improves organismal fitness and alleviates APP toxicity. *Cell reports*, 43(5), 114255.

Hendricks EL, et al. (2024) The CHD family chromatin remodeling enzyme, Kismet, promotes both clathrin-mediated and activity-dependent bulk endocytosis. *PLoS one*, 19(3), e0300255.

Aggidis A, et al. (2024) A novel peptide-based tau aggregation inhibitor as a potential therapeutic for Alzheimer's disease and other tauopathies. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 20(11), 7788.