Resource Summary Report

Generated by ASWG on Aug 5, 2026

P{w[+mW.hs]=GawB}elav[C155]; P{w[+mC]=UAS-Dcr-2.D}2

RRID:BDSC_25750
Type: Organism

Proper Citation

RRID:BDSC_25750

Organism Information

URL: https://n2t.net/bdsc:25750

Proper Citation: RRID:BDSC_25750

Description: Drosophila melanogaster with name P{w[+mW.hs]=GawB}elav[C155]; P{w[+mC]=UAS-Dcr-2.D}2 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 in the nervous system. Donor: Transgenic RNAi Project

Affected Gene: elav, GAL4, Dcr-2, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25750

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25750, BL25750

Organism Name: P{w[+mW.hs]=GawB}elav[C155]; P{w[+mC]=UAS-Dcr-2.D}2

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260801T194949+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mW.hs]=GawB}elav[C155]; P{w[+mC]=UAS-Dcr-2.D}2.

No alerts have been found for P{w[+mW.hs]=GawB}elav[C155]; P{w[+mC]=UAS-Dcr-2.D}2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Sun Y, et al. (2025) Genetic screening reveals cone cell-specific factors as common genetic targets modulating rival-induced prolonged mating in male Drosophila melanogaster. G3 (Bethesda, Md.), 15(1).

Yue T, et al. (2025) High-fat diet impairs intermediate-term memory by autophagic-lysosomal dysfunction in Drosophila. PLoS genetics, 21(8), e1011818.

Gualtieri C, et al. (2025) Dysregulation of Protein Kinase CaMKI Leads to Autism-Related Phenotypes in Synaptic Connectivity, Sleep, Sociality, and Aging-Dependent Degeneration in Drosophila. Biology, 14(9).

Bisarad P, et al. (2025) Recessive genomic and phenotypic variation in consanguineous families with cerebral palsy. medRxiv : the preprint server for health sciences.

Nhuchhen Pradhan R, et al. (2025) Cholesterol taste avoidance in Drosophila melanogaster. eLife, 14.

Marini-Davis A, et al. (2025) Juvenile hormone regulates the maturation of sexually dimorphic naive ethanol olfactory preference in Drosophila melanogaster. Royal Society open science, 12(8), 242217.

Zhang T, et al. (2025) SIFamide-dependent synaptic plasticity in male-specific GABAergic neurons underlies experience-modulated mating behaviors. iScience, 28(10), 113516.

Zhang T, et al. (2025) Metaxin-2 tunes mitochondrial transportation and neuronal function in Drosophila. Genetics, 229(2).

Mart??n-Carrascosa MDC, et al. (2025) A phylogenetic analysis of the CDKL protein family unravels its evolutionary history and supports the Drosophila model of CDKL5 deficiency disorder. Frontiers in cell and developmental biology, 13, 1582684.

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in Drosophila. PLoS genetics, 21(7), e1011752.

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in Drosophila. PLoS biology, 23(9), e3003330.

Pradhan RN, et al. (2025) Ionotropic receptors mediate arachidic acid perception and food avoidance behavior in Drosophila melanogaster. Molecules and cells, 48(12), 100290.

Wang G, et al. (2025) Sexual failure decreases sweet taste perception in male Drosophila via dopaminergic signaling. eLife, 14.

Villalobos-Cantor S, et al. (2025) Genetic basis of maneb-induced dopaminergic neurodegeneration in Drosophila. G3 (Bethesda, Md.), 15(9).

Pandey P, et al. (2024) Avoiding alkaline taste through ionotropic receptors. iScience, 27(6), 110087.

Rankin AE, et al. (2024) Simplified homology-assisted CRISPR for gene editing in Drosophila. G3 (Bethesda, Md.), 14(2).

Schultheis N, et al. (2024) Altering heparan sulfate suppresses cell abnormalities and neuron loss in Drosophila presenilin model of Alzheimer Disease. iScience, 27(7), 110256.

Chen J, et al. (2024) Astrocyte growth is driven by the Tre1/S1pr1 phospholipid-binding G protein-coupled receptor. Neuron, 112(1), 93.

Lee SG, et al. (2023) Taste and pheromonal inputs govern the regulation of time investment for mating by sexual experience in male Drosophila melanogaster. PLoS genetics, 19(5), e1010753.

Zhang Y, et al. (2023) Notch-dependent binary fate choice regulates the Netrin pathway to control axon guidance of Drosophila visual projection neurons. Cell reports, 42(3), 112143.