

Resource Summary Report

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P{w[+mC]=GAL4-elav.L}2/CyO

RRID:BDSC_8765

Type: Organism

Proper Citation

RRID:BDSC_8765

Organism Information

URL: <https://n2t.net/bdsc:8765>

Proper Citation: RRID:BDSC_8765

Description: Drosophila melanogaster with name P{w[+mC]=GAL4-elav.L}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Peter Kolodziej, Vanderbilt University

Affected Gene: elav, GAL4

Genomic Alteration: Chromosome 2

Catalog Number: 8765

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8765, BL8765

Organism Name: P{w[+mC]=GAL4-elav.L}2/CyO

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260725T194858+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=GAL4-elav.L}2/CyO.

No alerts have been found for P{w[+mC]=GAL4-elav.L}2/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 126 mentions in open access literature.

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

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology* : CB, 36(2), 387.

Decker JR, et al. (2025) Tension transmission across a supracellular network drives increased tissue rigidity in the Drosophila retina. *Cell reports*, 44(10), 116355.

erne U, et al. (2025) Ca²⁺ excitability of glia to neuromodulator octopamine in Drosophila living brain is greater than that of neurons. *Acta physiologica (Oxford, England)*, 241(2), e14270.

Gregor A, et al. (2025) Proteasomal activation ameliorates neuronal phenotypes linked to FBXO11-deficiency. *HGG advances*, 6(2), 100425.

Lei Q, et al. (2025) Tissue-Specific Profiling of O-GlcNAcylated Proteins in Drosophila Using TurboID-CpOGAM. *Bio-protocol*, 15(5), e5234.

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in Drosophila melanogaster. *Current biology* : CB, 35(17), 4188.

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

Lei C, et al. (2025) Quantitative and site-specific chemoproteomic profiling of O-GlcNAcylation in Drosophila. *Bioorganic & medicinal chemistry*, 124, 118191.

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).

Tan SL, et al. (2025) Substrate reduction using a glucosamine analogue in Drosophila melanogaster and mouse models of Sanfilippo syndrome. *Molecular genetics and metabolism*, 145(2), 109112.

Ham SJ, et al. (2025) Mitochondrial fumarate inhibits Parkin-mediated mitophagy. *Molecular cell*, 85(12), 2287.

Hsiao CT, et al. (2025) A fly model of SCA36 reveals combinatorial neurotoxicity of hexanucleotide and dipeptide repeats. *PLoS genetics*, 21(12), e1011954.

Wu SC, et al. (2025) Dysfunctional BCAA degradation triggers neuronal damage through disrupted AMPK-mitochondrial axis due to enhanced PP2Ac interaction. *Communications biology*, 8(1), 105.

Yadav A, et al. (2025) Regulation of lipid dysmetabolism and neuroinflammation progression linked with Alzheimer's disease through modulation of Dgat2. *bioRxiv* : the preprint server for biology.

Murray-Cors S, et al. (2025) Impacts of mitochondrial dysfunction on axonal microtubule bundles as a potential mechanism of neurodegeneration. *Frontiers in neuroscience*, 19, 1631752.

Hsu CH, et al. (2025) The cell autonomous and non-autonomous functions of Rab27 in longevity and neuroprotection in *Drosophila*. *Autophagy*, 21(12), 2809.

Drake KC, et al. (2025) Fer3 is uniquely expressed in NotchOFF hemilineages, where it promotes interneuron identity. *Development (Cambridge, England)*, 152(22).

Oh J, et al. (2025) Engineering a membrane protein chaperone to ameliorate the proteotoxicity of mutant huntingtin. *Nature communications*, 16(1), 737.

Pasam ES, et al. (2025) Dissecting metabolic regulation of behaviors and physiology during aging in *Drosophila*. *Biogerontology*, 26(5), 165.

Alabdi L, et al. (2025) SLK is mutated in individuals with a neurodevelopmental disorder. *EBioMedicine*, 116, 105725.