Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

w[*]; P{w[+mC]=longGMR-GAL4}2

RRID:BDSC_8605
Type: Organism

Proper Citation

RRID:BDSC_8605

Organism Information

URL: https://n2t.net/bdsc:8605

Proper Citation: RRID:BDSC_8605

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=longGMR-GAL4}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Claude Desplan, New York University

Affected Gene: GAL4, GMR, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8605

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:8605, BL8605

Organism Name: w[*]; P{w[+mC]=longGMR-GAL4}2

Record Creation Time: 20240911T222218+0000

Record Last Update: 20250331T210859+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=longGMR-GAL4}2.

No alerts have been found for w[*]; P{w[+mC]=longGMR-GAL4}2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kogenaru V, et al. (2024) A drug stabilizable GAL80ds for conditional control of gene expression via GAL4-UAS and CRISPR-Cas9 systems in Drosophila. Scientific reports, 14(1), 5893.

Osaka J, et al. (2024) Complex formation of immunoglobulin superfamily molecules Side-IV and Beat-IIb regulates synaptic specificity. Cell reports, 43(2), 113798.

Nouri N, et al. (2024) SLC16A8 is a causal contributor to age-related macular degeneration risk. NPJ genomic medicine, 9(1), 50.

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.

Bademosi AT, et al. (2023) EndophilinA-dependent coupling between activity-induced calcium influx and synaptic autophagy is disrupted by a Parkinson-risk mutation. Neuron, 111(9), 1402.

Patel N, et al. (2023) Phenotypic defects from the expression of wild-type and pathogenic TATA-binding proteins in new Drosophila models of Spinocerebellar Ataxia Type 17. G3 (Bethesda, Md.), 13(10).

Soustelle L, et al. (2023) ALS-Associated KIF5A Mutation Causes Locomotor Deficits Associated with Cytoplasmic Inclusions, Alterations of Neuromuscular Junctions, and Motor Neuron Loss. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(47), 8058.

Deshpande P, et al. (2023) N-Acetyltransferase 9 ameliorates A?42-mediated neurodegeneration in the Drosophila eye. Cell death & disease, 14(7), 478.

Ochi Y, et al. (2022) Stratum is required for both apical and basolateral transport through stable expression of Rab10 and Rab35 in Drosophila photoreceptors. Molecular biology of the cell, 33(10), br17.

Chimata AV, et al. (2022) Protocol to study cell death using TUNEL assay in Drosophila imaginal discs. STAR protocols, 3(1), 101140.

Green KM, et al. (2022) Non-canonical initiation factors modulate repeat-associated non-AUG translation. Human molecular genetics, 31(15), 2521.

Jauregui-Lozano J, et al. (2022) Proper control of R-loop homeostasis is required for maintenance of gene expression and neuronal function during aging. Aging cell, 21(2), e13554.

Prifti MV, et al. (2022) Ubiquitin-binding site 1 of pathogenic ataxin-3 regulates its toxicity in Drosophila models of Spinocerebellar Ataxia Type 3. Frontiers in neuroscience, 16, 1112688.

Douthit J, et al. (2021) R7 photoreceptor axon targeting depends on the relative levels of lost and found expression in R7 and its synaptic partners. eLife, 10.

Nikookar H, et al. (2021) DNT1 Downregulation and Increased Ethanol Sensitivity in Transgenic Drosophila Models of Alzheimer's Disease. Archives of gerontology and geriatrics, 94, 104355.

Abtahi SL, et al. (2020) The distinctive role of tau and amyloid beta in mitochondrial dysfunction through alteration in Mfn2 and Drp1 mRNA Levels: A comparative study in Drosophila melanogaster. Gene, 754, 144854.

Ashraf NS, et al. (2020) Druggable genome screen identifies new regulators of the abundance and toxicity of ATXN3, the Spinocerebellar Ataxia type 3 disease protein. Neurobiology of disease, 137, 104697.

Li Y, et al. (2020) Dual functions of Rack1 in regulating Hedgehog pathway. Cell death and differentiation, 27(11), 3082.

Washington C, et al. (2020) A conserved, N-terminal tyrosine signal directs Ras for inhibition by Rabex-5. PLoS genetics, 16(6), e1008715.

Fujii S, et al. (2020) Sec71 separates Golgi stacks in Drosophila S2 cells. Journal of cell science, 133(24).