Resource Summary Report

Generated by dkNET on Aug 12, 2026

y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=longGMR-GAL4}3

RRID:BDSC_8121
Type: Organism

Proper Citation

RRID:BDSC_8121

Organism Information

URL: https://n2t.net/bdsc:8121

Proper Citation: RRID:BDSC_8121

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=longGMR-GAL4}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Claude Desplan, New York University

Affected Gene: GAL4, GMR, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 8121

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8121, BL8121

Organism Name: y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=longGMR-GAL4}3

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260808T194336+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=longGMR-GAL4}3.

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=longGMR-GAL4}3.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Tzou FY, et al. (2025) Dihydroceramide desaturase modulates autolysosome maturation and ameliorates CRB1 retinopathy. Biochimica et biophysica acta. Molecular basis of disease, 1871(5), 167736.

Sarkar B, et al. (2025) Regulation of Notch signaling by multiple Ankyrin repeat containing protein Mask. Cell communication and signaling : CCS, 23(1), 358.

Verma D, et al. (2024) Regulation of Notch signaling by non-muscle myosin II Zipper in Drosophila. Cellular and molecular life sciences : CMLS, 81(1), 195.

Bankapalli K, et al. (2024) A Drosophila model for mechanistic investigation of tau protein spread. Disease models & mechanisms, 17(9).

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

Malin J, et al. (2024) Pten, PI3K, and PtdIns(3,4,5)P3 dynamics control pulsatile actin branching in Drosophila retina morphogenesis. Developmental cell, 59(12), 1593.

Dhanushkodi NR, et al. (2023) ATP13A2 Gene Silencing in Drosophila Affects Autophagic Degradation of A53T Mutant ?-Synuclein. International journal of molecular sciences, 24(2).

Sujkowski AL, et al. (2023) Progressive degeneration in a new Drosophila model of Spinocerebellar Ataxia type 7. Research square.

Blount JR, et al. (2023) Lysine 117 on ataxin-3 modulates toxicity in Drosophila models of Spinocerebellar Ataxia Type 3. Journal of the neurological sciences, 454, 120828.

Ikeda K, et al. (2022) Nonsynaptic Transmission Mediates Light Context-Dependent Odor Responses in Drosophila melanogaster. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(46), 8621.

Johnson SL, et al. (2021) Targeting the VCP-binding motif of ataxin-3 improves phenotypes in Drosophila models of Spinocerebellar Ataxia Type 3. Neurobiology of disease, 160, 105516.

Kiral FR, et al. (2021) Brain connectivity inversely scales with developmental temperature in Drosophila. Cell reports, 37(12), 110145.

Escobedo SE, et al. (2021) Characterizing a gene expression toolkit for eye- and photoreceptor-specific expression in Drosophila. Fly, 15(1), 73.

Hung YC, et al. (2021) UQCRC1 engages cytochrome c for neuronal apoptotic cell death. Cell reports, 36(12), 109729.

Li Y, et al. (2021) Neural mechanism of spatio-chromatic opponency in the Drosophila amacrine neurons. Current biology : CB, 31(14), 3040.

Gainetdinov I, et al. (2021) Terminal modification, sequence, length, and PIWI-protein identity determine piRNA stability. Molecular cell, 81(23), 4826.

Johnson SL, et al. (2020) Ubiquitin-interacting motifs of ataxin-3 regulate its polyglutamine toxicity through Hsc70-4-dependent aggregation. eLife, 9.

?ahin HB, et al. (2020) Salt inducible kinases as novel Notch interactors in the developing Drosophila retina. PloS one, 15(6), e0234744.

Bason M, et al. (2019) Astrocytic expression of the chaperone DNAJB6 results in non-cell autonomous protection in Huntington's disease. Neurobiology of disease, 124, 108.

Stenesen D, et al. (2019) The glial sodium-potassium-2-chloride cotransporter is required for synaptic transmission in the Drosophila visual system. Scientific reports, 9(1), 2475.