# Resource Summary Report

Generated by dkNET on Aug 6, 2026

## 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:** 20260801T194656+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 41 mentions in open access literature.

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


Reisbitzer A, et al. (2025) Inhibition of class IIa HDACs reduces mutant HTT aggregation by affecting RNA stability. Frontiers in molecular neuroscience, 18, 1579194.

Sasaki S, et al. (2025) Lytic photoreceptor cell death caused by Rab escort protein deficiency in Drosophila. FEBS letters.

Ranxhi B, et al. (2025) Regulation of polyamine interconversion enzymes affects ?-Synuclein levels and toxicity in a Drosophila model of Parkinson's Disease. NPJ Parkinson's disease, 11(1), 231.

Singh A, et al. (2025) Protocol for a two-clone system to study signaling interactions among neuronal cells in a pre-clinical Alzheimer's disease model. STAR protocols, 6(3), 103993.

Mahadik N, et al. (2025) Evaluation of the toxicity and efficacy of a multi-target polymer-drug nano-polyplex in SH-SY5Y cells and Drosophila model of tauopathy. Scientific reports, 15(1), 39454.

Dykstra MM, et al. (2025) TDP43 autoregulation gives rise to dominant negative isoforms that are tightly controlled by transcriptional and post-translational mechanisms. Cell reports, 44(1), 115113.

Luf M, et al. (2025) Knockdown of PR-DUB subunit calypso in the developing Drosophila eye and wing results in mis-patterned tissues with altered size and shape. bioRxiv : the preprint server for biology.

Ranxhi B, et al. (2025) Regulation of polyamine interconversion enzymes affects ?-Synuclein levels and toxicity in a Drosophila model of Parkinson's Disease. Research square.

Luf M, et al. (2025) Knockdown of PR-DUB subunit calypso in the developing Drosophila eye and wing results in mis-patterned tissues with altered size and shape. G3 (Bethesda, Md.), 15(12).

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

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.

Richardson K, et al. (2024) A phenotypically robust model of spinal and bulbar muscular atrophy in Drosophila. Journal of neuroscience research, 102(1), e25278.

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.

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

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.

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.

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).

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.

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.