

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2

RRID:BDSC_1776

Type: Organism

Proper Citation

RRID:BDSC_1776

Organism Information

URL: <https://n2t.net/bdsc:1776>

Proper Citation: RRID:BDSC_1776

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: Eco\lacZ, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 1776

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_1776, BDSC:1776, BL1776

Organism Name: w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2

Record Creation Time: 20240911T222129+0000

Record Last Update: 20260905T135738+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Kawaguchi K, et al. (2026) Linear ubiquitination triggers Amph-mediated T-tubule biogenesis. *Science advances*, 12(2), eady4934.

Vuong LT, et al. (2026) Nuclear translocation of β -catenin in Wg/Wnt signaling via the IFT-A microtubule-associated complex requires Pasovec/Gid8 proteins. *Science advances*, 12(14), eaea3382.

Zmojdzian M, et al. (2026) Drosophila ryanodine receptor gene triggers functional and developmental muscle properties and could be used to assess the impact of human RYR1 mutations. *eLife*, 15.

Vuong LT, et al. (2025) A novel conserved protein associates with the IFT-A complex to mediate nuclear translocation of β -catenin in Wg/Wnt-signaling. *bioRxiv* : the preprint server for biology.

Anderson N, et al. (2025) Vnd and En are expressed in orthogonal stripes and act in a brief competence window to combinatorially specify NB7-1 and its early lineage. *bioRxiv* : the preprint server for biology.

Ham SJ, et al. (2025) Reciprocal rescue of Wolfram syndrome by two causative genes. *EMBO reports*, 26(9), 2459.

Kang SW, et al. (2025) Drosophila ubiquitin-specific peptidase 14 stabilizes the PERIOD protein by regulating a ubiquitin ligase SLIMB. *Communications biology*, 8(1), 191.

Taoka H, et al. (2025) Transcriptional dynamics uncover the role of BNIP3 in mitophagy during muscle remodeling in Drosophila. *eLife*, 14.

Li J, et al. (2025) A regulator of amino acid sensing links lipid peroxidation and lipid droplet-dependent antioxidant response. *Molecular cell*, 85(17), 3225.

Dong KX, et al. (2025) Endosome-associated Rab GTPases control distinct aspects of neural circuit assembly. *bioRxiv* : the preprint server for biology.

Ostgaard CM, et al. (2025) A double-assurance mechanism restrains generation of high potential transit-amplifying progenitors during neurogenesis. *bioRxiv : the preprint server for biology*.

Chasse AY, et al. (2024) Professional phagocytes are recruited for the clearance of obsolete nonprofessional phagocytes in the *Drosophila* ovary. *Frontiers in immunology*, 15, 1389674.

Hasan A, et al. (2024) Bcl-2 Orthologues, Buffy and Debcl, Can Suppress Drp1-Dependent Age-Related Phenotypes in *Drosophila*. *Biomolecules*, 14(9).

Vuong LT, et al. (2024) Wg/Wnt-signaling-induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interference with the IFT-A complex. *Cell reports*, 43(6), 114362.

Fischer F, et al. (2024) A mismatch in the expression of cell surface molecules induces tissue-intrinsic defense against aberrant cells. *Current biology : CB*, 34(5), 980.

Merrill CB, et al. (2024) Iterative assay for transposase-accessible chromatin by sequencing to isolate functionally relevant neuronal subtypes. *Science advances*, 10(13), eadi4393.

Yu X, et al. (2024) Tai/NCOA2 suppresses the Hedgehog pathway by directly targeting the transcription factor Ci/GLI. *Proceedings of the National Academy of Sciences of the United States of America*, 121(47), e2409380121.

Lo Piccolo L, et al. (2023) A Novel *Drosophila*-based Drug Repurposing Platform Identified Fingolimod As a Potential Therapeutic for TDP-43 Proteinopathy. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 20(5), 1330.

Barwell T, et al. (2023) Juvenile and adult expression of polyglutamine expanded huntingtin produce distinct aggregate distributions in *Drosophila* muscle. *Human molecular genetics*, 32(16), 2656.

Barwell T, et al. (2023) Comparison of GAL80ts and Tet-off GAL80 transgenes. *microPublication biology*, 2023.