

Resource Summary Report

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[y\[1\] w\[*\]; wg\[Sp-1\]/CyO, P{Wee-P.ph0}Bacc\[Wee-P20\]; P{y\[+t7.7\] w\[+mC\]=20XUAS-6XmCherry-HA}attP2](#)

RRID:BDSC_52268

Type: Organism

Proper Citation

RRID:BDSC_52268

Organism Information

URL: <https://n2t.net/bdsc:52268>

Proper Citation: RRID:BDSC_52268

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; P{y[+t7.7] w[+mC]=20XUAS-6XmCherry-HA}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Steve Stowers, Montana State University

Affected Gene: Disc\RFP, UAS, Avic\GFP, Bacc, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 52268

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52268, BL52268

Organism Name: y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; P{y[+t7.7] w[+mC]=20XUAS-6XmCherry-HA}attP2

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260725T195552+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; P{y[+t7.7] w[+mC]=20XUAS-6XmCherry-HA}attP2.

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; P{y[+t7.7] w[+mC]=20XUAS-6XmCherry-HA}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 81 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Tang G, et al. (2025) Fungal evasion of Drosophila immunity involves blocking the cathepsin-mediated cleavage maturation of the danger-sensing protease. *Proceedings of the National Academy of Sciences of the United States of America*, 122(3), e2419343122.

Zhang Y, et al. (2025) Restoring calcium crosstalk between ER and mitochondria promotes intestinal stem cell rejuvenation through autophagy in aged Drosophila. *Nature communications*, 16(1), 4909.

Li M, et al. (2025) Numb provides a fail-safe mechanism for intestinal stem cell self-renewal in adult Drosophila midgut. *eLife*, 14.

Ma M, et al. (2025) Heterozygous variants in PLCG1 affect hearing, vision, cardiac, and immune function. *eLife*, 13.

Suzawa M, et al. (2025) The insulin-like peptides Dilp2 and Dilp6 exhibit divergent responses to dietary sugar and protein in Drosophila larvae. *Proceedings of the National Academy of Sciences of the United States of America*, 122(42), e2426930122.

Yu M, et al. (2025) Distinct roles of clustered MicroRNAs miR-286 and miR-6 in JNK activation critical to apoptosis-induced proliferation in Drosophila. *Cellular and molecular life sciences : CMLS*, 82(1), 415.

Blanco Mendana J, et al. (2025) Deterministic genetic barcoding for multiplexed behavioral and single-cell transcriptomic studies. *eLife*, 12.

Brubaker LA, et al. (2025) Redundant and Singular Regulatory Elements Underlie the Rapidly Evolving Pigmentation of Drosophila. *Molecular biology and evolution*, 42(9).

Beach SJ, et al. (2025) Recombinant venom proteins in insect seminal fluid reduce female lifespan. *Nature communications*, 16(1), 219.

- Erginkaya M, et al. (2025) A competitive disinhibitory network for robust optic flow processing in *Drosophila*. *Nature neuroscience*, 28(6), 1241.
- Bell KS, et al. (2025) Tissue-Specific Fluorescent Protein Turnover in Free-Moving Flies. *Insects*, 16(6).
- K??rner MB, et al. (2025) Protocol for extracellular recordings of mechanically stimulated pentascolopidial chordotonal neurons in *Drosophila* larvae. *STAR protocols*, 6(2), 103821.
- Vidaurre V, et al. (2024) The *Drosophila* histone methyltransferase SET1 coordinates multiple signaling pathways in regulating male germline stem cell maintenance and differentiation. *Development (Cambridge, England)*, 151(15).
- Lechuga S, et al. (2024) Coactosin-like protein 1 regulates integrity and repair of model intestinal epithelial barriers via actin binding dependent and independent mechanisms. *Frontiers in cell and developmental biology*, 12, 1405454.
- Curley M, et al. (2024) Transgenic sensors reveal compartment-specific effects of aggregation-prone proteins on subcellular proteostasis during aging. *Cell reports methods*, 4(10), 100875.
- Hull AJ, et al. (2024) Ceramide lowering rescues respiratory defects in a *Drosophila* model of acid sphingomyelinase deficiency. *Human molecular genetics*, 33(24), 2111.
- Banerjee S, et al. (2024) Trio preserves motor synapses and prolongs motor ability during aging. *Cell reports*, 43(6), 114256.
- Elya C, et al. (2023) Neural mechanisms of parasite-induced summiting behavior in 'zombie' *Drosophila*. *eLife*, 12.
- Shekar A, et al. (2023) Syntaxin 1 Ser14 phosphorylation is required for nonvesicular dopamine release. *Science advances*, 9(2), eadd8417.
- Oliveira AC, et al. (2023) String/Cdc25 phosphatase is a suppressor of Tau-associated neurodegeneration. *Disease models & mechanisms*, 16(1).