

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[y\[1\] w\[*\]; P{w\[+m*\]=nSyb-GAL4.S}3](#)

RRID:BDSC_51635

Type: Organism

Proper Citation

RRID:BDSC_51635

Organism Information

URL: <https://n2t.net/bdsc:51635>

Proper Citation: RRID:BDSC_51635

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Julie Simpson, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4, nSyb, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 51635

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51635, BL51635

Organism Name: y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3

Record Creation Time: 20240911T222757+0000

Record Last Update: 20260815T192016+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3.

No alerts have been found for y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 112 mentions in open access literature.

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

Sato T, et al. (2026) Role of dopamine signaling in male courtship suppression induced by confinement stress in Drosophila. *iScience*, 29(6), 115906.

Recatalà-Martinez M, et al. (2026) Sex-dependent plasticity of adult neural tissue in response to damage. *Development (Cambridge, England)*, 153(4).

Kurata Y, et al. (2026) Octopamine signaling from clock neurons plays dual roles in Drosophila long-term memory. *PLoS genetics*, 22(2), e1012045.

Padmanabhan A, et al. (2026) Embryonic dopaminergic neuron activity sustains lifelong locomotion in Drosophila. *Cell reports*, 45(7), 117524.

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Baldenius M, et al. (2026) The Drosophila EGF domain protein uninflatable sets the switch between wrapping glia growth and axon wrapping instructed by Notch. *eLife*, 14.

Girard V, et al. (2026) ShineGAL4 drivers for tissue and cell-type specific optogenetics in Drosophila. *Development (Cambridge, England)*, 153(4).

Moens TG, et al. (2026) Human FUS is toxic via association with RNA polymerase II in Drosophila. *Cell death & disease*, 17(1).

Hall B, et al. (2026) Antisense Dipeptide Repeat Proteins Drive Widescale Purine Metabolism Aberration in C9orf72 Amyotrophic Lateral Sclerosis via ADA. *International journal of molecular sciences*, 27(4).

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in Drosophila melanogaster diapause-associated lifespan extension and fecundity. *eLife*, 13.

Zhang T, et al. (2025) Metaxin-2 tunes mitochondrial transportation and neuronal function in Drosophila. *Genetics*, 229(2).

Higginson LA, et al. (2025) The RNA exosome maintains cellular RNA homeostasis by controlling transcript abundance in the brain. *Cell reports*, 45(1), 116729.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in *Drosophila*. *Development (Cambridge, England)*, 152(9).

Ahern-Djamali S, et al. (2025) Innate immunity pathways activate cell proliferation after penetrating traumatic brain injury in adult *Drosophila*. *Fly*, 19(1), 2586357.

Someya M, et al. (2025) Distinct circuit motifs evaluate opposing innate values of odors. *Cell*.

Karge RA, et al. (2025) Modeling AP2M1 developmental and epileptic encephalopathy in *Drosophila*. *Disease models & mechanisms*, 18(11).

Lin J, et al. (2025) Microproteins Simba1 and Simba2 activate Wingless signaling during the reactivation of neural stem cells in *Drosophila*. *Nature communications*, 16(1), 11651.

Chen J, et al. (2025) The ER thioredoxin-related transmembrane protein TMX2 controls redox-mediated tethering of ER-mitochondria contacts. *Cell reports*, 44(11), 116486.

Feghhi T, et al. (2025) Bichromatic Exon-Reporters Reveal Voltage-Gated Ca²⁺-Channel Splice-Isoform Diversity across *Drosophila* Neurons In Vivo. *eNeuro*, 12(8).

Chang YC, et al. (2025) Peripheral glia and neurons jointly regulate activity-induced synaptic remodeling at the *Drosophila* neuromuscular junction. *eLife*, 14.