

Resource Summary Report

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

[y\[1\] w\[*\]; P{ry\[+t7.2\]=neoFRT}82B P{w\[+mC\]=tubP-GAL80}LL3](#)

RRID:BDSC_5135

Type: Organism

Proper Citation

RRID:BDSC_5135

Organism Information

URL: <https://n2t.net/bdsc:5135>

Proper Citation: RRID:BDSC_5135

Description: Drosophila melanogaster with name y[1] w[*]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Liquan Luo, Stanford University

Affected Gene: FRT, alphaTub84B, GAL80, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 5135

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5135, BL5135

Organism Name: y[1] w[*]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3

Record Creation Time: 20240911T222150+0000

Record Last Update: 20260815T191240+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3.

No alerts have been found for y[1] w[*]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Chung PC, et al. (2026) Genetic network shaping Kenyon cell identity and function in Drosophila mushroom bodies. eLife, 14.

Even-Ros D, et al. (2025) Drosophila ovarian stem cell niche ageing involves coordinated changes in transcription and alternative splicing. Nature communications, 16(1), 2596.

Chung PC, et al. (2025) Genetic Network Shaping Kenyon Cell Identity and Function in Drosophila Mushroom Bodies. bioRxiv : the preprint server for biology.

Waghmare I, et al. (2024) A Tumor-Specific Molecular Network Promotes Tumor Growth in Drosophila by Enforcing a Jun N-Terminal Kinase-Yorkie Feedforward Loop. Cancers, 16(9).

Maddison DC, et al. (2023) COPI-regulated mitochondria-ER contact site formation maintains axonal integrity. Cell reports, 42(8), 112883.

Rajan A, et al. (2023) Low-level repressive histone marks fine-tune gene transcription in neural stem cells. eLife, 12.

Butsch TJ, et al. (2022) A meiotic switch in lysosome activity supports spermatocyte development in young flies but collapses with age. iScience, 25(6), 104382.

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

Reilein A, et al. (2021) Adult stem cells and niche cells segregate gradually from common precursors that build the adult Drosophila ovary during pupal development. eLife, 10.

Chew LY, et al. (2021) The Nrf2-Keap1 pathway is activated by steroid hormone signaling to govern neuronal remodeling. Cell reports, 36(5), 109466.

Melamed D, et al. (2020) Opposing JAK-STAT and Wnt signaling gradients define a stem cell domain by regulating differentiation at two borders. *eLife*, 9.

Lin T, et al. (2020) Rab11 activation by Ikk2 kinase is required for dendrite pruning in *Drosophila* sensory neurons. *PLoS genetics*, 16(2), e1008626.

Bakshi A, et al. (2020) Sequential activation of Notch and Grainyhead gives apoptotic competence to Abdominal-B expressing larval neuroblasts in *Drosophila* Central nervous system. *PLoS genetics*, 16(8), e1008976.

Hakes AE, et al. (2020) Tailless/TLX reverts intermediate neural progenitors to stem cells driving tumorigenesis via repression of asense/ASCL1. *eLife*, 9.

Chai PC, et al. (2019) Sensory neuron lineage mapping and manipulation in the *Drosophila* olfactory system. *Nature communications*, 10(1), 643.

Smith GA, et al. (2019) Glutathione S-Transferase Regulates Mitochondrial Populations in Axons through Increased Glutathione Oxidation. *Neuron*, 103(1), 52.

Ghosh N, et al. (2019) The Hox gene Abdominal-B uses DoublesexF as a cofactor to promote neuroblast apoptosis in the *Drosophila* central nervous system. *Development (Cambridge, England)*, 146(16).

Özel MN, et al. (2019) Serial Synapse Formation through Filopodial Competition for Synaptic Seeding Factors. *Developmental cell*, 50(4), 447.

Jin EJ, et al. (2018) Live Observation of Two Parallel Membrane Degradation Pathways at Axon Terminals. *Current biology : CB*, 28(7), 1027.

Obniski R, et al. (2018) Dietary Lipids Modulate Notch Signaling and Influence Adult Intestinal Development and Metabolism in *Drosophila*. *Developmental cell*, 47(1), 98.