Resource Summary Report

Generated by Kravitz on Sep 16, 2026

y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1]

RRID:BDSC_3954
Type: Organism

Proper Citation

RRID:BDSC_3954

Organism Information

URL: https://n2t.net/bdsc:3954

Proper Citation: RRID:BDSC_3954

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Wolbachia present per M. Phelps 10/21/2022. Donor: Yash Hiromi, National Institute of Genetics

Affected Gene: Act5C, GAL4, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 3954

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_3954, BDSC:3954, BL3954

Organism Name: y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1]

Record Creation Time: 20240911T222140+0000

Record Last Update: 20260912T203058+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 140 mentions in open access literature.

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

Sui L, et al. (2026) Extracellular matrix restrains cell-cycle progression by nuclear exclusion of Yorkie in Drosophila. Current biology : CB, 36(2), 474.

Dziurdzik SK, et al. (2026) Hoi1 targets BLTP2 to ER-PM contact sites to regulate lipid homeostasis. The Journal of cell biology, 225(5).

Brand CL, et al. (2026) Adaptive evolution of Topoisomerase II triggers reproductive isolation in Drosophila. bioRxiv : the preprint server for biology.

Neuman SD, et al. (2026) Mechanistic dissection of BLTP2 targeting to ER-PM contact sites. bioRxiv : the preprint server for biology.

Bosveld F, et al. (2026) Tissue mechanics and systemic signaling safeguard epithelial tissue against spindle misorientation. Developmental cell, 61(4), 854.

Sew WQG, et al. (2025) Control of mitochondrial dynamics by the metabolic regulator dPGC1 limits Yorkie-induced oncogenic growth in Drosophila. PLoS biology, 23(12), e3003523.

Molano-Fernández M, et al. (2025) Replication stress promotes cellular transformation in Drosophila epithelium. Cell death discovery, 11(1), 96.

Gregor A, et al. (2025) Proteasomal activation ameliorates neuronal phenotypes linked to FBXO11-deficiency. HGG advances, 6(2), 100425.

Zhu Y, et al. (2025) Epithelial cell competition is promoted by signaling from immune cells. Nature communications, 16(1), 3710.

Webster AL, et al. (2025) Priming for protection: inducible attachment-resistance to ectoparasitic mites in Drosophila. Parasitology, 152(9), 897.

Dziurdzik SK, et al. (2025) Hoi1 targets the yeast BLTP2 protein to ER-PM contact sites to regulate lipid homeostasis. bioRxiv : the preprint server for biology.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. EMBO reports, 26(5), 1238.

Jain S, et al. (2025) A U3 snoRNA is required for the regulation of chromatin dynamics and antiviral response in Drosophila melanogaster. Nucleic acids research, 53(14).

Ramirez Moreno M, et al. (2025) E-cadherin endocytosis promotes non-canonical EGFR:STAT signalling to induce cell death and inhibit heterochromatinisation. PLoS genetics, 21(7), e1011781.

Martín-Carrascosa MDC, et al. (2025) A phylogenetic analysis of the CDKL protein family unravels its evolutionary history and supports the Drosophila model of CDKL5 deficiency disorder. Frontiers in cell and developmental biology, 13, 1582684.

Karunaraj P, et al. (2025) A Drosophila model for Costello Syndrome caused by Ras mutation K117R. bioRxiv : the preprint server for biology.

Tiwari P, et al. (2025) Overexpression of Drosophila NUAK or Constitutively-Active Formin-Like Promotes the Formation of Aberrant Myofibrils. Cytoskeleton (Hoboken, N.J.).

Neuman SD, et al. (2025) Neurodegenerative and Neurodevelopmental Roles for Bulk Lipid Transporters VPS13A and BLTP2. Movement disorders : official journal of the Movement Disorder Society, 40(7), 1356.

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

Simonov RA, et al. (2025) Binding of Transcriptional Activator to Silent Loci Causes Their Detachment from the Nuclear Lamina in Drosophila Neurons and Salivary Gland Cells. International journal of molecular sciences, 26(12).