

Resource Summary Report

Generated by [NIF](#) on Sep 8, 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: 20260905T135753+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 [NIF](#) .

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).