

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[y\[1\] w\[*\]; betaTub60D\[Pin-1\]/CyO; P{w\[+m*\]=ET-QF2.GU}repo/TM6B, Tb\[1\]](#)

RRID:BDSC_66477

Type: Organism

Proper Citation

RRID:BDSC_66477

Organism Information

URL: <https://n2t.net/bdsc:66477>

Proper Citation: RRID:BDSC_66477

Description: Drosophila melanogaster with name y[1] w[*]; betaTub60D[Pin-1]/CyO; P{w[+m*]=ET-QF2.GU}repo/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christopher Potter & Chun-Chieh Lin, Johns Hopkins University School of Medicine

Affected Gene: betaTub60D, QF2, repo, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 66477

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_66477, BL66477

Organism Name: y[1] w[*]; betaTub60D[Pin-1]/CyO; P{w[+m*]=ET-QF2.GU}repo/TM6B, Tb[1]

Record Creation Time: 20240911T223019+0000

Record Last Update: 20260815T192321+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; betaTub60D[Pin-1]/CyO; P{w[+m*]=ET-QF2.GU}repo/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; betaTub60D[Pin-1]/CyO; P{w[+m*]=ET-QF2.GU}repo/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Liu G, et al. (2026) Comparative analysis of draper mutant alleles and RNAi expression systems in the ovary and brain of *Drosophila melanogaster*. G3 (Bethesda, Md.), 16(5).

Winkler B, et al. (2025) Macrophage invasion into the *Drosophila* brain requires JAK/STAT-dependent MMP activation in the blood-brain barrier. PLoS biology, 23(2), e3003035.

Zhang X, et al. (2025) Atypical developmental remodeling of dopamine neurons involves AKT-GSK3 β signaling and glia-mediated axon degeneration. bioRxiv : the preprint server for biology.

Vincow ES, et al. (2024) Glucocerebrosidase deficiency leads to neuropathology via cellular immune activation. PLoS genetics, 20(11), e1011105.

Tonelli A, et al. (2024) Systematic screening of enhancer-blocking insulators in *Drosophila* identifies their DNA sequence determinants. Developmental cell.

Wang F, et al. (2023) Gliotransmission and adenosine signaling promote axon regeneration. Developmental cell, 58(8), 660.

Vincow ES, et al. (2023) Glucocerebrosidase deficiency leads to neuropathology via cellular immune activation. bioRxiv : the preprint server for biology.

Jiao W, et al. (2022) Intact *Drosophila* central nervous system cellular quantitation reveals sexual dimorphism. eLife, 11.

Kaur P, et al. (2022) Wnt Signaling Rescues Amyloid Beta-Induced Gut Stem Cell Loss. Cells, 11(2).

Banerjee S, et al. (2021) Miniature neurotransmission is required to maintain *Drosophila* synaptic structures during ageing. Nature communications, 12(1), 4399.

Vita DJ, et al. (2021) Neuronal fragile X mental retardation protein activates glial insulin receptor mediated PDF-Tri neuron developmental clearance. *Nature communications*, 12(1), 1160.

Kaur P, et al. (2020) Use of Optogenetic Amyloid- β to Monitor Protein Aggregation in *Drosophila melanogaster*, *Danio rerio* and *Caenorhabditis elegans*. *Bio-protocol*, 10(23), e3856.

Li F, et al. (2020) Glial Metabolic Rewiring Promotes Axon Regeneration and Functional Recovery in the Central Nervous System. *Cell metabolism*, 32(5), 767.