

Resource Summary Report

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[y\[1\] w\[*\]; betaTub60D\[Pin-Yt\]/CyO; P{w\[+mC\]=UAS-mCD8::GFP.L}LL6](#)

RRID:BDSC_5130

Type: Organism

Proper Citation

RRID:BDSC_5130

Organism Information

URL: <https://n2t.net/bdsc:5130>

Proper Citation: RRID:BDSC_5130

Description: Drosophila melanogaster with name y[1] w[*]; betaTub60D[Pin-Yt]/CyO; P{w[+mC]=UAS-mCD8::GFP.L}LL6 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Liquan Luo, Stanford University

Affected Gene: betaTub60D, Avic\GFP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 5130

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:5130, BL5130

Organism Name: y[1] w[*]; betaTub60D[Pin-Yt]/CyO; P{w[+mC]=UAS-mCD8::GFP.L}LL6

Record Creation Time: 20240911T222149+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; betaTub60D[Pin-Yt]/CyO; P{w[+mC]=UAS-mCD8::GFP.L}LL6.

No alerts have been found for y[1] w[*]; betaTub60D[Pin-Yt]/CyO; P{w[+mC]=UAS-mCD8::GFP.L}LL6.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 89 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Liu J, et al. (2024) Spatiotemporal changes in Netrin/Dscam1 signaling dictate axonal projection direction in Drosophila small ventral lateral clock neurons. eLife, 13.

Abubaker MB, et al. (2024) Asymmetric neurons are necessary for olfactory learning in the Drosophila brain. Current biology : CB, 34(5), 946.

Wodrich APK, et al. (2024) Manipulating mitochondrial reactive oxygen species alters survival in unexpected ways in a Drosophila Cdk5 model of neurodegeneration. Biology open, 13(10).

Rodríguez-Vázquez M, et al. (2024) Fat body glycolysis defects inhibit mTOR and promote distant muscle disorganization through TNF- α /egr and ImpL2 signaling in Drosophila larvae. EMBO reports, 25(10), 4410.

Ahmed M, et al. (2023) Hacking brain development to test models of sensory coding. bioRxiv : the preprint server for biology.

Calvin-Cejudo L, et al. (2023) Neuron-glia interaction at the receptor level affects olfactory perception in adult Drosophila. iScience, 26(1), 105837.

Tsarouhas V, et al. (2023) A surfactant lipid layer of endosomal membranes facilitates airway gas filling in Drosophila. Current biology : CB, 33(23), 5132.

Banach-Latapy A, et al. (2023) Differential adhesion during development establishes

individual neural stem cell niches and shapes adult behaviour in *Drosophila*. *PLoS biology*, 21(11), e3002352.

Oliveira AC, et al. (2023) String/Cdc25 phosphatase is a suppressor of Tau-associated neurodegeneration. *Disease models & mechanisms*, 16(1).

Dumitrescu E, et al. (2023) Parkin Knockdown Modulates Dopamine Release in the Central Complex, but Not the Mushroom Body Heel, of Aging *Drosophila*. *ACS chemical neuroscience*, 14(2), 198.

Maksymchuk N, et al. (2023) Cold-Temperature Coding with Bursting and Spiking Based on TRP Channel Dynamics in *Drosophila* Larva Sensory Neurons. *International journal of molecular sciences*, 24(19).

Kasturacharya N, et al. (2023) A STIM dependent dopamine-neuropeptide axis maintains the larval drive to feed and grow in *Drosophila*. *PLoS genetics*, 19(6), e1010435.

Catudio Garrett E, et al. (2023) The matricellular protein *Drosophila* Cellular Communication Network Factor is required for synaptic transmission and female fertility. *Genetics*, 223(3).

Himmel NJ, et al. (2023) Chloride-dependent mechanisms of multimodal sensory discrimination and nociceptive sensitization in *Drosophila*. *eLife*, 12.

Chen CC, et al. (2023) A subset of cholinergic mushroom body neurons blocks long-term memory formation in *Drosophila*. *Cell reports*, 42(8), 112974.

Chen R, et al. (2023) Functional interactions between potassium-chloride cotransporter (KCC) and inward rectifier potassium (Kir) channels in the insect central nervous system. *Pesticide biochemistry and physiology*, 192, 105389.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. *PLoS biology*, 21(10), e3002332.

Dornan AJ, et al. (2023) Compromised junctional integrity phenocopies age-dependent renal dysfunction in *Drosophila* Snakeskin mutants. *Journal of cell science*, 136(19).

Gui J, et al. (2023) Simultaneous activation of Tor and suppression of ribosome biogenesis by TRIM-NHL proteins promotes terminal differentiation. *Cell reports*, 42(3), 112181.

Mangione F, et al. (2023) Co-option of epidermal cells enables touch sensing. *Nature cell biology*, 25(4), 540.