

# Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[w\[1118\]; betaTub60D\[Pin-1\]/CyO; P{y\[+t7.7\] w\[+mC\]=nSyb-GAL4.P}attP2, P{w\[+mC\]=UAS-mCD8::GFP.L}LL6](#)

RRID:BDSC\_51944

Type: Organism

## Proper Citation

RRID:BDSC\_51944

## Organism Information

**URL:** <https://n2t.net/bdsc:51944>

**Proper Citation:** RRID:BDSC\_51944

**Description:** Drosophila melanogaster with name w[1118]; betaTub60D[Pin-1]/CyO; P{y[+t7.7] w[+mC]=nSyb-GAL4.P}attP2, P{w[+mC]=UAS-mCD8::GFP.L}LL6 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** May be segregating TM6B, Tb[1]. X chr may also carry y[1]. Donor: Christopher Potter, Johns Hopkins University School of Medicine

**Affected Gene:** betaTub60D, GAL4, nSyb, Avic\GFP, UAS, w

**Genomic Alteration:** Chromosome 1, Chromosome 2, Chromosome 3

**Catalog Number:** 51944

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_51944, BL51944

**Organism Name:** w[1118]; betaTub60D[Pin-1]/CyO; P{y[+t7.7] w[+mC]=nSyb-GAL4.P}attP2, P{w[+mC]=UAS-mCD8::GFP.L}LL6

**Record Creation Time:** 20240911T222801+0000

**Record Last Update:** 20260801T195431+0000

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## Ratings and Alerts

No rating or validation information has been found for w[1118]; betaTub60D[Pin-1]/CyO; P{y[+t7.7] w[+mC]=nSyb-GAL4.P}attP2, P{w[+mC]=UAS-mCD8::GFP.L}LL6.

No alerts have been found for w[1118]; betaTub60D[Pin-1]/CyO; P{y[+t7.7] w[+mC]=nSyb-GAL4.P}attP2, P{w[+mC]=UAS-mCD8::GFP.L}LL6.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yue T, et al. (2025) High-fat diet impairs intermediate-term memory by autophagic-lysosomal dysfunction in Drosophila. PLoS genetics, 21(8), e1011818.

Hawley HR, et al. (2023) Comparison of neuronal GAL4 drivers along with the AGES (auxin-inducible gene expression system) and TARGET (temporal and regional gene expression targeting) systems for fine tuning of neuronal gene expression in Drosophila. microPublication biology, 2023.

Casale AM, et al. (2022) Transposable element activation promotes neurodegeneration in a Drosophila model of Huntington's disease. iScience, 25(1), 103702.