

# Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

[w\[1118\]; P{w\[+mC\]=AstC-GAL4.TH}1M/TM6B, Tb\[1\]](#)

RRID:BDSC\_52017

Type: Organism

## Proper Citation

RRID:BDSC\_52017

## Organism Information

**URL:** <https://n2t.net/bdsc:52017>

**Proper Citation:** RRID:BDSC\_52017

**Description:** Drosophila melanogaster with name w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Homozygotes may be present. Donor: David Anderson & Kenta Asahina, California Institute of Technology

**Affected Gene:** AstC, GAL4, Tb, w

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

**Catalog Number:** 52017

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_52017, BDSC:52017, BL52017

**Organism Name:** w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1]

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

**Record Last Update:** 20260905T140653+0000

## Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1].

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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 6 mentions in open access literature.

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

Sadanandappa MK, et al. (2026) GAL4-based functional screen of neuropeptides in Drosophila reproduction. PloS one, 21(3), e0345918.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. Science advances, 8(36), eabg3203.

Jugder BE, et al. (2022) Vibrio cholerae high cell density quorum sensing activates the host intestinal innate immune response. Cell reports, 40(12), 111368.

Schlichting M, et al. (2019) Neuron-specific knockouts indicate the importance of network communication to Drosophila rhythmicity. eLife, 8.