

Resource Summary Report

Generated by [ASWG](#) on Sep 17, 2026

[w\[1118\]; Mi{GFP\[E.3xP3\]=ET1}trpl\[MB10553\]](#)

RRID:BDSC_29134

Type: Organism

Proper Citation

RRID:BDSC_29134

Organism Information

URL: <https://n2t.net/bdsc:29134>

Proper Citation: RRID:BDSC_29134

Description: Drosophila melanogaster with name w[1118]; Mi{GFP[E.3xP3]=ET1}trpl[MB10553] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: GAL4, trpl, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 29134

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_29134, BDSC:29134, BL29134

Organism Name: w[1118]; Mi{GFP[E.3xP3]=ET1}trpl[MB10553]

Record Creation Time: 20240911T222501+0000

Record Last Update: 20260912T203530+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
Mi{GFP[E.3xP3]=ET1}trpl[MB10553].

No alerts have been found for w[1118]; Mi{GFP[E.3xP3]=ET1}trpl[MB10553].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Hung YC, et al. (2026) A day sleep promoting role of phototransduction in *Drosophila melanogaster*. *Neurobiology of sleep and circadian rhythms*, 20, 100146.

Nath DK, et al. (2025) TRP?? regulates lipid metabolism through Dh44 neuroendocrine cells. *eLife*, 13.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in *Drosophila*. *Communications biology*, 8(1), 765.

Sato S, et al. (2023) Avoidance of thiazoline compound depends on multiple sensory pathways mediated by TrpA1 and ORs in *Drosophila*. *Frontiers in molecular neuroscience*, 16, 1249715.

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in *Drosophila*. *iScience*, 26(5), 106607.

Chen Z, et al. (2020) A Family of Auxiliary Subunits of the TRP Cation Channel Encoded by the Complex *inaF* Locus. *Genetics*, 215(3), 713.

Li Q, et al. (2020) Temperature and Sweet Taste Integration in *Drosophila*. *Current biology* : CB, 30(11), 2051.

Ni JD, et al. (2017) A rhodopsin in the brain functions in circadian photoentrainment in *Drosophila*. *Nature*, 545(7654), 340.