

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

[w\[1118\]; Mi{GFP\[E.3xP3\]=ET1}Ir68a\[MB05565\]](#)

RRID:BDSC_26031

Type: Organism

Proper Citation

RRID:BDSC_26031

Organism Information

URL: <https://n2t.net/bdsc:26031>

Proper Citation: RRID:BDSC_26031

Description: Drosophila melanogaster with name w[1118]; Mi{GFP[E.3xP3]=ET1}Ir68a[MB05565] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM6C, Sb[1]. Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: GAL4, Ir68a, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 26031

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_26031, BL26031

Organism Name: w[1118]; Mi{GFP[E.3xP3]=ET1}Ir68a[MB05565]

Record Creation Time: 20240911T222432+0000

Record Last Update: 20260815T191556+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
Mi{GFP[E.3xP3]=ET1}Ir68a[MB05565].

No alerts have been found for w[1118]; Mi{GFP[E.3xP3]=ET1}Ir68a[MB05565].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lee WP, et al. (2025) Dynamics of two distinct memory interactions during water seeking in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(16), e2422028122.

Chu LA, et al. (2024) Thirst-driven hygrosensory suppression promotes water seeking in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(34), e2404454121.

Omelchenko AA, et al. (2022) Cool and warm ionotropic receptors control multiple thermotaxes in Drosophila larvae. Frontiers in molecular neuroscience, 15, 1023492.

Frank DD, et al. (2017) Early Integration of Temperature and Humidity Stimuli in the Drosophila Brain. Current biology : CB, 27(15), 2381.

Knecht ZA, et al. (2017) Ionotropic Receptor-dependent moist and dry cells control hygrosensation in Drosophila. eLife, 6.