

Resource Summary Report

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

[w\[1118\]; Mi{GFP\[E.3xP3\]=ET1}Gr58b\[MB09820\]](#)

RRID:BDSC_29065

Type: Organism

Proper Citation

RRID:BDSC_29065

Organism Information

URL: <https://n2t.net/bdsc:29065>

Proper Citation: RRID:BDSC_29065

Description: Drosophila melanogaster with name w[1118]; Mi{GFP[E.3xP3]=ET1}Gr58b[MB09820] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GAL4, Gr58b, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 29065

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_29065, BDSC:29065, BL29065

Organism Name: w[1118]; Mi{GFP[E.3xP3]=ET1}Gr58b[MB09820]

Record Creation Time: 20240911T222501+0000

Record Last Update: 20260912T203529+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
Mi{GFP[E.3xP3]=ET1}Gr58b[MB09820].

No alerts have been found for w[1118]; Mi{GFP[E.3xP3]=ET1}Gr58b[MB09820].

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 [Kravitz](#) .

Atif M, et al. (2025) Taste detection of flonicamid in Drosophila melanogaster. Insect biochemistry and molecular biology, 180, 104302.

Pradhan RN, et al. (2023) Molecular Basis of Hexanoic Acid Taste in Drosophila melanogaster. Molecules and cells, 46(7), 451.

Aryal B, et al. (2022) Molecular and neuronal mechanisms for amino acid taste perception in the Drosophila labellum. Current biology : CB, 32(6), 1376.

Dhakal S, et al. (2021) Ionotropic receptors mediate nitrogenous waste avoidance in Drosophila melanogaster. Communications biology, 4(1), 1281.

Guo H, et al. (2020) Multiple channels of DEET repellency in Drosophila. Pest management science, 76(3), 880.

Rimal S, et al. (2020) Cucurbitacin B Activates Bitter-Sensing Gustatory Receptor Neurons via Gustatory Receptor 33a in Drosophila melanogaster. Molecules and cells, 43(6), 530.

Rimal S, et al. (2019) Mechanism of Acetic Acid Gustatory Repulsion in Drosophila. Cell reports, 26(6), 1432.

Rimal S, et al. (2019) Molecular sensor of nicotine in taste of Drosophila melanogaster. Insect biochemistry and molecular biology, 111, 103178.