

Resource Summary Report

Generated by [kravitz2](#) on Sep 6, 2026

[w\[1118\]; Mi{GFP\[E.3xP3\]=ET1}Gr28b\[MB03888\]](#)

RRID:BDSC_24190

Type: Organism

Proper Citation

RRID:BDSC_24190

Organism Information

URL: <https://n2t.net/bdsc:24190>

Proper Citation: RRID:BDSC_24190

Description: Drosophila melanogaster with name w[1118]; Mi{GFP[E.3xP3]=ET1}Gr28b[MB03888] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GAL4, Gr28b, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 24190

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24190, BDSC:24190, BL24190

Organism Name: w[1118]; Mi{GFP[E.3xP3]=ET1}Gr28b[MB03888]

Record Creation Time: 20240911T222415+0000

Record Last Update: 20260905T140135+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
Mi{GFP[E.3xP3]=ET1}Gr28b[MB03888].

No alerts have been found for w[1118]; Mi{GFP[E.3xP3]=ET1}Gr28b[MB03888].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

Reisenman CE, et al. (2023) Taste adaptations associated with host specialization in the specialist *Drosophila sechellia*. *The Journal of experimental biology*, 226(3).

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.

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

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

Simoes JM, et al. (2021) Robustness and plasticity in *Drosophila* heat avoidance. *Nature communications*, 12(1), 2044.

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.