

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[w\[1118\] Mi{GFP\[E.3xP3\]=ET1}Gr10a\[MB12324\]](#)

RRID:BDSC\_29947

Type: Organism

## Proper Citation

RRID:BDSC\_29947

## Organism Information

**URL:** <https://n2t.net/bdsc:29947>

**Proper Citation:** RRID:BDSC\_29947

**Description:** Drosophila melanogaster with name w[1118] Mi{GFP[E.3xP3]=ET1}Gr10a[MB12324] from BDSC.

**Species:** Drosophila melanogaster

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

**Affected Gene:** GAL4, Gr10a, w

**Genomic Alteration:** Chromosome 1

**Catalog Number:** 29947

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_29947, BL29947

**Organism Name:** w[1118] Mi{GFP[E.3xP3]=ET1}Gr10a[MB12324]

**Record Creation Time:** 20240911T222509+0000

**Record Last Update:** 20260725T195224+0000

## Ratings and Alerts

No rating or validation information has been found for w[1118]  
Mi{GFP[E.3xP3]=ET1}Gr10a[MB12324].

No alerts have been found for w[1118] Mi{GFP[E.3xP3]=ET1}Gr10a[MB12324].

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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 7 mentions in open access literature.

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

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

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.