

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[w\[1118\]; TI{GAL4}Gr43a\[GAL4\]](#)

RRID:BDSC_93447

Type: Organism

Proper Citation

RRID:BDSC_93447

Organism Information

URL: <https://n2t.net/bdsc:93447>

Proper Citation: RRID:BDSC_93447

Description: Drosophila melanogaster with name w[1118]; TI{GAL4}Gr43a[GAL4] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hubert Amrein, Texas A&M University

Affected Gene: GAL4, Gr43a, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 93447

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_93447, BDSC:93447, BL93447

Organism Name: w[1118]; TI{GAL4}Gr43a[GAL4]

Record Creation Time: 20240911T223439+0000

Record Last Update: 20260905T141608+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; TI{GAL4}Gr43a[GAL4].

No alerts have been found for w[1118]; TI{GAL4}Gr43a[GAL4].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in *Drosophila melanogaster*. *Nature communications*, 15(1), 10819.

Cui X, et al. (2024) A gut-brain-gut interoceptive circuit loop gates sugar ingestion in *Drosophila*. *bioRxiv : the preprint server for biology*.

Schoofs A, et al. (2024) Serotonergic modulation of swallowing in a complete fly vagus nerve connectome. *Current biology : CB*, 34(19), 4495.