

Resource Summary Report

Generated by SPARC SAWG on Aug 31, 2026

y[1] w[*]; Mi{Trojan-GAL4.1}CG31272[MI05026-TG4.1] asRNA:CR45015[MI05026-TG4.1-X]/TM3, Sb[1] Ser[1]

RRID:BDSC_76171

Type: Organism

Proper Citation

RRID:BDSC_76171

Organism Information

URL: <https://n2t.net/bdsc:76171>

Proper Citation: RRID:BDSC_76171

Description: Drosophila melanogaster with name y[1] w[*]; Mi{Trojan-GAL4.1}CG31272[MI05026-TG4.1] asRNA:CR45015[MI05026-TG4.1-X]/TM3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: asRNA:CR45015, CG31272, GAL4, Sb, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 76171

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_76171, BL76171

Organism Name: y[1] w[*]; Mi{Trojan-GAL4.1}CG31272[MI05026-TG4.1] asRNA:CR45015[MI05026-TG4.1-X]/TM3, Sb[1] Ser[1]

Record Creation Time: 20240911T223150+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; Mi{Trojan-GAL4.1}CG31272[MI05026-TG4.1] asRNA:CR45015[MI05026-TG4.1-X]/TM3, Sb[1] Ser[1].

No alerts have been found for y[1] w[*]; Mi{Trojan-GAL4.1}CG31272[MI05026-TG4.1] asRNA:CR45015[MI05026-TG4.1-X]/TM3, Sb[1] Ser[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Liu Y, et al. (2025) Hepatic gluconeogenesis and PDK3 upregulation drive cancer cachexia in flies and mice. Nature metabolism, 7(4), 823.

Miao T, et al. (2025) Renal Coenzyme A (CoA) Production Fuels Stem Cell Proliferation and Tumor Growth. bioRxiv : the preprint server for biology.

Xu J, et al. (2024) Mechanistic characterization of a Drosophila model of paraneoplastic nephrotic syndrome. Nature communications, 15(1), 1241.

Liu Y, et al. (2023) Tumor Cytokine-Induced Hepatic Gluconeogenesis Contributes to Cancer Cachexia: Insights from Full Body Single Nuclei Sequencing. bioRxiv : the preprint server for biology.