

# Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

[y\[1\] w\[\\*\]; Mi{Trojan-GAL4.1}nAChRalpha6\[MI01466-TG4.1\]](#)

RRID:BDSC\_76137

Type: Organism

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## Proper Citation

RRID:BDSC\_76137

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## Organism Information

**URL:** <https://n2t.net/bdsc:76137>

**Proper Citation:** RRID:BDSC\_76137

**Description:** Drosophila melanogaster with name y[1] w[\*]; Mi{Trojan-GAL4.1}nAChRalpha6[MI01466-TG4.1] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** May be segregating SM6a. Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

**Affected Gene:** GAL4, nAChRalpha6, w, y

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 76137

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_76137, BL76137

**Organism Name:** y[1] w[\*]; Mi{Trojan-GAL4.1}nAChRalpha6[MI01466-TG4.1]

**Record Creation Time:** 20240911T223150+0000

**Record Last Update:** 20260725T200026+0000

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## Ratings and Alerts

No rating or validation information has been found for y[1] w[\*]; Mi{Trojan-GAL4.1}nAChRalpha6[MI01466-TG4.1].

No alerts have been found for y[1] w[\*]; Mi{Trojan-GAL4.1}nAChRalpha6[MI01466-TG4.1].

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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 5 mentions in open access literature.

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

Samara E, et al. (2025) Columnar cholinergic neurotransmission onto T5 cells of Drosophila. Current biology : CB, 35(6), 1269.

Martelli F, et al. (2022) Low doses of the organic insecticide spinosad trigger lysosomal defects, elevated ROS, lipid dysregulation, and neurodegeneration in flies. eLife, 11.

Rosenthal JS, et al. (2021) Temporal regulation of nicotinic acetylcholine receptor subunits supports central cholinergic synapse development in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 118(23).

Kele?? MF, et al. (2020) Inhibitory Interactions and Columnar Inputs to an Object Motion Detector in Drosophila. Cell reports, 30(7), 2115.

Martelli F, et al. (2020) Low doses of the neonicotinoid insecticide imidacloprid induce ROS triggering neurological and metabolic impairments in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 117(41), 25840.