

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

y[1] w[*]; Mi{Trojan-GAL4.0}nAChRalpha1[MI00453-TG4.0]/TM3, Sb[1] Ser[1]

RRID:BDSC_66780

Type: Organism

Proper Citation

RRID:BDSC_66780

Organism Information

URL: <https://n2t.net/bdsc:66780>

Proper Citation: RRID:BDSC_66780

Description: Drosophila melanogaster with name y[1] w[*]; Mi{Trojan-GAL4.0}nAChRalpha1[MI00453-TG4.0]/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: GAL4, nAChRalpha1, Sb, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 66780

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_66780, BDSC:66780, BL66780

Organism Name: y[1] w[*]; Mi{Trojan-GAL4.0}nAChRalpha1[MI00453-TG4.0]/TM3, Sb[1] Ser[1]

Record Creation Time: 20240911T223022+0000

Record Last Update: 20260912T204235+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; Mi{Trojan-GAL4.0}nAChRalpha1[MI00453-TG4.0]/TM3, Sb[1] Ser[1].

No alerts have been found for y[1] w[*]; Mi{Trojan-GAL4.0}nAChRalpha1[MI00453-TG4.0]/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 5 mentions in open access literature.

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

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

Deger JM, et al. (2025) Revealing the nervous system requirements of Alzheimer disease risk genes in Drosophila. American journal of human genetics, 112(12), 2870.

Deger JM, et al. (2025) Revealing the nervous system requirements of Alzheimer's disease risk genes in Drosophila. bioRxiv : the preprint server for biology.

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.