

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[y\[1\] w\[*\]; Mi{y\[+mDint2\]=MIC}nAChRalpha1\[MI00453\]](#)

RRID:BDSC_42295

Type: Organism

Proper Citation

RRID:BDSC_42295

Organism Information

URL: <https://n2t.net/bdsc:42295>

Proper Citation: RRID:BDSC_42295

Description: Drosophila melanogaster with name y[1] w[*]; Mi{y[+mDint2]=MIC}nAChRalpha1[MI00453] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: nAChRalpha1, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 42295

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42295, BL42295

Organism Name: y[1] w[*]; Mi{y[+mDint2]=MIC}nAChRalpha1[MI00453]

Record Creation Time: 20240911T222702+0000

Record Last Update: 20260801T195314+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*];
Mi{y[+mDint2]=MIC}nAChRalpha1[MI00453].

No alerts have been found for y[1] w[*]; Mi{y[+mDint2]=MIC}nAChRalpha1[MI00453].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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).