

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] w\[*\]; RyR\[16\]/CyO, y\[+\]](#)

RRID:BDSC_6812

Type: Organism

Proper Citation

RRID:BDSC_6812

Organism Information

URL: <https://n2t.net/bdsc:6812>

Proper Citation: RRID:BDSC_6812

Description: Drosophila melanogaster with name y[1] w[*]; RyR[16]/CyO, y[+] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Kate Beckingham, Rice University

Affected Gene: RyR, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6812

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6812, BDSC:6812, BL6812

Organism Name: y[1] w[*]; RyR[16]/CyO, y[+]

Record Creation Time: 20240911T222203+0000

Record Last Update: 20260912T203127+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; RyR[16]/CyO, y[+].

No alerts have been found for y[1] w[*]; RyR[16]/CyO, y[+].

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](#) .

Zmojdzian M, et al. (2026) Drosophila ryanodine receptor gene triggers functional and developmental muscle properties and could be used to assess the impact of human RYR1 mutations. eLife, 15.

Richardson E, et al. (2022) Diamide insecticide resistance in transgenic Drosophila and Sf9-cells expressing a full-length diamondback moth ryanodine receptor carrying an I4790M mutation. Pest management science, 78(3), 869.

Park JH, et al. (2020) Cytosolic calcium regulates cytoplasmic accumulation of TDP-43 through Calpain-A and Importin β 3. eLife, 9.