

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 20, 2025

[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, BL6812

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

Record Creation Time: 20240911T222203+0000

Record Last Update: 20250420T054001+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 [FDI Lab - SciCrunch.org](#).

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 . eLife, 9.

Brusich DJ, et al. (2018) Drosophila CaV2 channels harboring human migraine mutations cause synapse hyperexcitability that can be suppressed by inhibition of a Ca²⁺ store release pathway. PLoS genetics, 14(8), e1007577.