

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

[RyR\[E4340K\]/CyO](#)

RRID:BDSC_5505

Type: Organism

Proper Citation

RRID:BDSC_5505

Organism Information

URL: <https://n2t.net/bdsc:5505>

Proper Citation: RRID:BDSC_5505

Description: Drosophila melanogaster with name RyR[E4340K]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Tom Jongens, University of Pennsylvania, Perelman School of Medicine

Affected Gene: RyR

Genomic Alteration: Chromosome 2

Catalog Number: 5505

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5505, BL5505

Organism Name: RyR[E4340K]/CyO

Record Creation Time: 20240911T222153+0000

Record Last Update: 20260801T194614+0000

Ratings and Alerts

No rating or validation information has been found for RyR[E4340K]/CyO.

No alerts have been found for RyR[E4340K]/CyO.

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](#) .

Mallik B, et al. (2026) An ArfGAP-dependent signaling modulates synaptic plasticity via IP3-regulated calcium release from the endoplasmic reticulum. PLoS genetics, 22(1), e1012031.