

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

[y\[1\] w\[*\]; robo1\[1\]/CyO, P{w\[+mW.hs\]=ase-lacZF:2.0}PK2](#)

RRID:BDSC_8755

Type: Organism

Proper Citation

RRID:BDSC_8755

Organism Information

URL: <https://n2t.net/bdsc:8755>

Proper Citation: RRID:BDSC_8755

Description: Drosophila melanogaster with name y[1] w[*]; robo1[1]/CyO, P{w[+mW.hs]=ase-lacZF:2.0}PK2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Peter Kolodziej, Vanderbilt University

Affected Gene: ase, Eco\lacZ, robo1, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8755

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8755, BDSC:8755, BL8755

Organism Name: y[1] w[*]; robo1[1]/CyO, P{w[+mW.hs]=ase-lacZF:2.0}PK2

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260905T135851+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; robo1[1]/CyO, P{w[+mW.hs]=ase-lacZF:2.0}PK2.

No alerts have been found for y[1] w[*]; robo1[1]/CyO, P{w[+mW.hs]=ase-lacZF:2.0}PK2.

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 [kravitz2](#) .

de Torres-Jurado A, et al. (2022) Glial-secreted Netrins regulate Robo1/Rac1-Cdc42 signaling threshold levels during Drosophila asymmetric neural stem/progenitor cell division. *Current biology : CB*, 32(10), 2174.

Huang Y, et al. (2022) Novel dominant and recessive variants in human ROBO1 cause distinct neurodevelopmental defects through different mechanisms. *Human molecular genetics*, 31(16), 2751.

Guzmán-Palma P, et al. (2021) Slit/Robo Signaling Regulates Multiple Stages of the Development of the Drosophila Motion Detection System. *Frontiers in cell and developmental biology*, 9, 612645.

Manhart A, et al. (2020) Reverse-engineering forces responsible for dynamic clustering and spreading of multiple nuclei in developing muscle cells. *Molecular biology of the cell*, 31(16), 1802.

Sato K, et al. (2019) Partial proteasomal degradation of Lola triggers the male-to-female switch of a dimorphic courtship circuit. *Nature communications*, 10(1), 166.