# Resource Summary Report

Generated by Kravitz on Sep 16, 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, Ecol\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:** 20260912T203149+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 Kravitz .

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.

Guzm??n-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.