

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[y\[1\] w\[*\] Usp16-45\[B\] P{ry\[+t7.2\]=neoFRT}19A/FM7c, P{w\[+mC\]=GAL4-Kr.C}DC1, P{w\[+mC\]=UAS-GFP.S65T}DC5, sn\[+\]](#)

RRID:BDSC_57080

Type: Organism

Proper Citation

RRID:BDSC_57080

Organism Information

URL: <https://n2t.net/bdsc:57080>

Proper Citation: RRID:BDSC_57080

Description: Drosophila melanogaster with name y[1] w[*] Usp16-45[B] P{ry[+t7.2]=neoFRT}19A/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: GAL4, Kr, FRT, Avic\GFP, UAS, sn, Usp16-45, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 57080

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57080, BL57080

Organism Name: y[1] w[*] Usp16-45[B] P{ry[+t7.2]=neoFRT}19A/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+]

Record Creation Time: 20240911T222850+0000

Record Last Update: 20260725T195646+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] Usp16-45[B] P{ry[+t7.2]=neoFRT}19A/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+].

No alerts have been found for y[1] w[*] Usp16-45[B] P{ry[+t7.2]=neoFRT}19A/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Lin YJ, et al. (2025) The deubiquitinase USP45 inhibits autophagy through actin regulation by Coronin 1B. The Journal of cell biology, 224(5).

Messer CL, et al. (2025) A deficiency screen of the X chromosome for Rap1 GTPase dominant interacting genes in Drosophila border cell migration. G3 (Bethesda, Md.), 15(5).