

# Resource Summary Report

Generated by [NIF](#) on Sep 14, 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, 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:** 20260912T204029+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 [NIF](#) .

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).