

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[P{ry\[+t7.2\]=hsFLP}1, y\[1\] w\[*\]; Rab5\[2\]
P{ry\[+t7.2\]=neoFRT}40A/In\(2LR\)Gla, wg\[Gla-1\]
PPO1\[Bc\]](#)

RRID:BDSC_42702

Type: Organism

Proper Citation

RRID:BDSC_42702

Organism Information

URL: <https://n2t.net/bdsc:42702>

Proper Citation: RRID:BDSC_42702

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}1, y[1] w[*]; Rab5[2] P{ry[+t7.2]=neoFRT}40A/In(2LR)Gla, wg[Gla-1] PPO1[Bc] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Marcos Gonzalez-Gaitan, University of Geneva

Affected Gene: PPO1, FLP, Hsp70 (generic), FRT, Rab5, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 42702

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42702, BL42702

Organism Name: P{ry[+t7.2]=hsFLP}1, y[1] w[*]; Rab5[2] P{ry[+t7.2]=neoFRT}40A/In(2LR)Gla, wg[Gla-1] PPO1[Bc]

Record Creation Time: 20240911T222706+0000

Record Last Update: 20260801T195320+0000

Ratings and Alerts

No rating or validation information has been found for P{ry[+t7.2]=hsFLP}1, y[1] w[*]; Rab5[2] P{ry[+t7.2]=neoFRT}40A/In(2LR)Gla, wg[Gla-1] PPO1[Bc].

No alerts have been found for P{ry[+t7.2]=hsFLP}1, y[1] w[*]; Rab5[2] P{ry[+t7.2]=neoFRT}40A/In(2LR)Gla, wg[Gla-1] PPO1[Bc].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Rasouliha SH, et al. (2025) Shaping and interpretation of Dpp morphogen gradient by endocytic trafficking. *PLoS genetics*, 21(7), e1011766.

Lambert E, et al. (2022) The Alzheimer susceptibility gene BIN1 induces isoform-dependent neurotoxicity through early endosome defects. *Acta neuropathologica communications*, 10(1), 4.

Mysh M, et al. (2021) The Basolateral Polarity Module Promotes Slit Diaphragm Formation in Drosophila Nephrocytes, a Model of Vertebrate Podocytes. *Journal of the American Society of Nephrology : JASN*, 32(6), 1409.

Mao D, et al. (2019) VAMP associated proteins are required for autophagic and lysosomal degradation by promoting a PtdIns4P-mediated endosomal pathway. *Autophagy*, 15(7), 1214.

Sollazzo M, et al. (2018) High MYC Levels Favour Multifocal Carcinogenesis. *Frontiers in genetics*, 9, 612.

Halbsgut N, et al. (2011) Apical-basal polarity in Drosophila neuroblasts is independent of vesicular trafficking. *Molecular biology of the cell*, 22(22), 4373.