

Resource Summary Report

Generated by [ASWG](#) on Aug 19, 2026

[y\[1\]; P{ry\[+t7.2\]=neoFRT}42D ptc\[S2\]/CyO](#)

RRID:BDSC_6332

Type: Organism

Proper Citation

RRID:BDSC_6332

Organism Information

URL: <https://n2t.net/bdsc:6332>

Proper Citation: RRID:BDSC_6332

Description: Drosophila melanogaster with name y[1]; P{ry[+t7.2]=neoFRT}42D ptc[S2]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jessica Treisman, New York University

Affected Gene: ptc, FRT, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6332

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6332, BL6332

Organism Name: y[1]; P{ry[+t7.2]=neoFRT}42D ptc[S2]/CyO

Record Creation Time: 20240911T222159+0000

Record Last Update: 20260815T191250+0000

Ratings and Alerts

No rating or validation information has been found for y[1]; P{ry[+t7.2]=neoFRT}42D ptc[S2]/CyO.

No alerts have been found for y[1]; P{ry[+t7.2]=neoFRT}42D ptc[S2]/CyO.

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 [ASWG](#) .

Donoghue A, et al. (2026) Dynamic integration of morphogen and juxtacrine signaling specifies cell fate at single-cell resolution. *Current biology* : CB, 36(14), 3580.

Galasso A, et al. (2023) Non-apoptotic caspase activation ensures the homeostasis of ovarian somatic stem cells. *EMBO reports*, 24(6), e51716.

Zhang J, et al. (2023) Phosphatidic acid binding to Patched contributes to the inhibition of Smoothened and Hedgehog signaling in Drosophila wing development. *Science signaling*, 16(807), eadd6834.

Bostock MP, et al. (2022) Photoreceptors generate neuronal diversity in their target field through a Hedgehog morphogen gradient in Drosophila. *eLife*, 11.

Liu M, et al. (2021) Competition between two phosphatases fine-tunes Hedgehog signaling. *The Journal of cell biology*, 220(2).

Singh T, et al. (2018) Opposing Action of Hedgehog and Insulin Signaling Balances Proliferation and Autophagy to Determine Follicle Stem Cell Lifespan. *Developmental cell*, 46(6), 720.