

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 2, 2025

[w\[*\]; P{ry\[+t7.2\]=neoFRT}82B Xrp1\[M2-73\]](#)

RRID:BDSC_81270

Type: Organism

Proper Citation

RRID:BDSC_81270

Organism Information

URL: <https://n2t.net/bdsc:81270>

Proper Citation: RRID:BDSC_81270

Description: Drosophila melanogaster with name w[*]; P{ry[+t7.2]=neoFRT}82B Xrp1[M2-73] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Nicholas Baker, Albert Einstein College of Medicine

Affected Gene: FRT, w, Xrp1

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 81270

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:81270, BL81270

Organism Name: w[*]; P{ry[+t7.2]=neoFRT}82B Xrp1[M2-73]

Record Creation Time: 20240911T223239+0000

Record Last Update: 20250331T214224+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{ry[+t7.2]=neoFRT}82B Xrp1[M2-73].

No alerts have been found for w[*]; P{ry[+t7.2]=neoFRT}82B Xrp1[M2-73].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Kiparaki M, et al. (2022) The transcription factor Xrp1 orchestrates both reduced translation and cell competition upon defective ribosome assembly or function. *eLife*, 11.

Brown B, et al. (2021) The transcription factor Xrp1 is required for PERK-mediated antioxidant gene induction in *Drosophila*. *eLife*, 10.

Ji Z, et al. (2021) Cell competition removes segmental aneuploid cells from *Drosophila* imaginal disc-derived tissues based on ribosomal protein gene dose. *eLife*, 10.

Ji Z, et al. (2019) *Drosophila* RpS12 controls translation, growth, and cell competition through Xrp1. *PLoS genetics*, 15(12), e1008513.