Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

w[1118]; P{{y[+t7.7] w[+mC]=UAS-poly-GR.PO-100}attP40

RRID:BDSC_58696
Type: Organism

Proper Citation

RRID:BDSC_58696

Organism Information

URL: https://n2t.net/bdsc:58696

Proper Citation: RRID:BDSC_58696

Description: Drosophila melanogaster with name w[1118]; P{{y[+t7.7] w[+mC]=UAS-poly-GR.PO-100}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Linda Partridge & Adrian Isaacs, University College London

Affected Gene: UAS, Zzzz\poly-GR, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 58696

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:58696, BL58696

Organism Name: w[1118]; P{{y[+t7.7] w[+mC]=UAS-poly-GR.PO-100}attP40

Record Creation Time: 20240911T222905+0000

Record Last Update: 20250331T213048+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{{y[+t7.7] w[+mC]=UAS-poly-GR.PO-100}attP40.

No alerts have been found for w[1118]; P{{y[+t7.7] w[+mC]=UAS-poly-GR.PO-100}attP40.

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 FDI Lab - SciCrunch.org.

Chang YJ, et al. (2024) Sulfated disaccharide protects membrane and DNA damages from arginine-rich dipeptide repeats in ALS. Science advances, 10(8), eadj0347.

Hung ST, et al. (2023) PIKFYVE inhibition mitigates disease in models of diverse forms of ALS. Cell, 186(4), 786.

Fujino Y, et al. (2023) FUS regulates RAN translation through modulating the G-quadruplex structure of GGGGCC repeat RNA in C9orf72-linked ALS/FTD. eLife, 12.

Li S, et al. (2020) Altered MICOS Morphology and Mitochondrial Ion Homeostasis Contribute to Poly(GR) Toxicity Associated with C9-ALS/FTD. Cell reports, 32(5), 107989.

Park JH, et al. (2020) Cytosolic calcium regulates cytoplasmic accumulation of TDP-43 through Calpain-A and Importin ?3. eLife, 9.

Xu W, et al. (2018) C9orf72 Dipeptide Repeats Cause Selective Neurodegeneration and Cell-Autonomous Excitotoxicity in Drosophila Glutamatergic Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(35), 7741.