

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

[w\[1118\]; P{w\[+mC\]=UAS-hSOD1.G85R}2a
P{w\[+mC\]=UAS-hSOD1.G85R}2b; P{w\[+mC\]=UAS-
hSOD1.G85R}3a P{w\[+mC\]=UAS-hSOD1.G85R}3b](#)

RRID:BDSC_33608

Type: Organism

Proper Citation

RRID:BDSC_33608

Organism Information

URL: <https://n2t.net/bdsc:33608>

Proper Citation: RRID:BDSC_33608

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-hSOD1.G85R}2a P{w[+mC]=UAS-hSOD1.G85R}2b; P{w[+mC]=UAS-hSOD1.G85R}3a P{w[+mC]=UAS-hSOD1.G85R}3b from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Nancy Bonini, University of Pennsylvania

Affected Gene: Hsap\SOD1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 33608

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33608, BL33608

Organism Name: w[1118]; P{w[+mC]=UAS-hSOD1.G85R}2a P{w[+mC]=UAS-hSOD1.G85R}2b; P{w[+mC]=UAS-hSOD1.G85R}3a P{w[+mC]=UAS-hSOD1.G85R}3b

Record Creation Time: 20240911T222544+0000

Record Last Update: 20260808T194756+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-hSOD1.G85R}2a P{w[+mC]=UAS-hSOD1.G85R}2b; P{w[+mC]=UAS-hSOD1.G85R}3a P{w[+mC]=UAS-hSOD1.G85R}3b.

No alerts have been found for w[1118]; P{w[+mC]=UAS-hSOD1.G85R}2a P{w[+mC]=UAS-hSOD1.G85R}2b; P{w[+mC]=UAS-hSOD1.G85R}3a P{w[+mC]=UAS-hSOD1.G85R}3b.

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 [RRID](#) .

Liguori F, et al. (2024) Pan-neuronal expression of human mutant SOD1 in Drosophila impairs survival and motor performance, induces early neuroinflammation and chromosome aberrations. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(5), 167192.

Zhang C, et al. (2019) ??-Oryzanol mitigates oxidative stress and prevents mutant SOD1-Related neurotoxicity in Drosophila and cell models of amyotrophic lateral sclerosis. *Neuropharmacology*, 160, 107777.

Kumimoto EL, et al. (2013) Transcriptome Profiling Following Neuronal and Glial Expression of ALS-Linked SOD1 in Drosophila. *G3 (Bethesda, Md.)*, 3(4), 695.

Gargano JW, et al. (2005) Rapid iterative negative geotaxis (RING): a new method for assessing age-related locomotor decline in Drosophila. *Experimental gerontology*, 40(5), 386.