Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

DA2123

RRID:WB-STRAIN:WBStrain00005592
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005592

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00005592

Proper Citation: RRID:WB-STRAIN:WBStrain00005592

Description: Caenorhabditis elegans with name adIs2122[lgg-1p::GFP::lgg-1 + rol-6(su1006)] from WB.

Species: Caenorhabditis elegans

Synonyms: adIs2122[lgg-1p::GFP::lgg-1 + rol-6(su1006)]

Notes: adIs2122 [lgg-1p::GFP::lgg-1 + rol-6(su1006)]. Rollers.|"Mutagen:Gamma Rays"|"Supplementary_genotype adls2122(lgg-1p::gfp::lgg-1)"|"Supplementary_genotype lgg-1p::gfp::lgg-1"|"WBStrain mapped, WBPaper00059578 added based on AFP_Strain data."

Affected Gene: WBGene00004397(rol-6)

Genomic Alteration: WBGene00004397(rol-6)

Catalog Number: WB-STRAIN:WBStrain00005592

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References:
WBPaper00059578(PMID:32302543)WBPaper00059649(PMID:32410036)WBPaper00060240(PMID:3

Alternate IDs: WB-STRAIN:DA2123

Organism Name: DA2123

Record Creation Time: 20230227T013301+0000

Record Last Update: 20250419T232838+0000

Ratings and Alerts

No rating or validation information has been found for DA2123.

No alerts have been found for DA2123.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

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.

Wen YP, et al. (2024) Exploring the therapeutic potential of Nelumbo nucifera leaf extract against amyloid-beta-induced toxicity in the Caenorhabditis elegans model of Alzheimer's disease. Frontiers in pharmacology, 15, 1408031.

Tang Y, et al. (2024) Activation of autophagy by Citri Reticulatae Semen extract ameliorates amyloid-beta-induced cell death and cognition deficits in Alzheimer's disease. Neural regeneration research, 19(11), 2467.

Hu Q, et al. (2024) BLMP-1 is a critical temporal regulator of dietary-restriction-induced response in Caenorhabditis elegans. Cell reports, 43(3), 113959.

Yin X, et al. (2024) Cysteine protease cathepsin B promotes lysosome integrity to extend the lifespan of alternative day fasting worms. Aging cell, 23(11), e14286.

Li B, et al. (2024) Phloretic acid requires the insulin/IGF-1 pathway and autophagy to enhance stress resistance and extend the lifespan of Caenorhabditis elegans. Frontiers in pharmacology, 15, 1384227.

Pu X, et al. (2024) Lysosomal dysfunction by inactivation of V-ATPase drives innate immune response in C. elegans. Cell reports, 43(5), 114138.