Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

RB754

RRID:WB-STRAIN:WBStrain00031468
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031468

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00031468

Proper Citation: RRID:WB-STRAIN:WBStrain00031468

Description: Caenorhabditis elegans with name aak-2(ok524) X. from WB.

Species: Caenorhabditis elegans

Synonyms: aak-2(ok524) X.

Notes: 408bp deletion:Starts at position 4136, deletes part of exon 3|"Generated from papers flagged positive during the last month for data type afp_strain/other_strain."|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"Reference WBPaper00058832 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype aak-2(ok524)"|"Supplementary_genotype aak-2(ok524) X"|"T01C8.1. Homozygous. Outer Left Sequence: TCATTTGCTGCAACTTCCTG. Outer Right Sequence: ATACGTGGCATTTACGGAGG. Inner Left Sequence: ATGTCGTTGGAAAGATTCGC. Inner Right Sequence: AAGGAGTGCTTAACGAGCCA. Inner primer WT PCR product: 2741."|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|"WBStrain mapped, WBPaper00059578 added based on AFP_Strain data."|"WBStrain provided so WBPaper00059477 paper added based on AFP_Strain data."

Affected Gene: WBGene00020142(aak-2)

Genomic Alteration: WBGene00020142(aak-2)

Catalog Number: WB-STRAIN:WBStrain00031468

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References:
WBPaper00058832(PMID:31704915)WBPaper00059578(PMID:32302543)WBPaper00060779(PMID:3

Alternate IDs: WB-STRAIN:RB754

Organism Name: RB754

Record Creation Time: 20230227T013616+0000

Record Last Update: 20250331T233503+0000

Ratings and Alerts

No rating or validation information has been found for RB754.

No alerts have been found for RB754.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Das P, et al. (2024) Calcineurin inhibition enhances Caenorhabditis elegans lifespan by defecation defects-mediated calorie restriction and nuclear hormone signaling. eLife, 12.

Li W, et al. (2024) Low-dose naltrexone extends healthspan and lifespan in C. elegans via SKN-1 activation. iScience, 27(6), 109949.