Resource Summary Report

Generated by dkNET on Aug 22, 2026

RB1206

RRID:WB-STRAIN:WBStrain00031907
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031907

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00031907

Proper Citation: RRID:WB-STRAIN:WBStrain00031907

Description: Caenorhabditis elegans with name rsks-1(ok1255) III. from WB.

Species: Caenorhabditis elegans

Synonyms: rsks-1(ok1255) III.

Notes: Made_by: OMRF Knockout Group|"Mutagen:UV/TMP"|"Reference WBPaper00058832 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype [rsks-1(ok1255)]"|"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."|"Y47D3A.16 Homozygous. Outer Left Sequence: gagatgcggaagctatgctc. Outer Right Sequence: gttgaattcctgctcctcca. Inner Left Sequence: attcaactgtgtgccagtgc. Inner Right Sequence: tggggcttcactatttggtc. Inner Primer PCR Length: 3267. Estimated Deletion Size: about 1700 bp."

Affected Gene: WBGene00012929(rsks-1)

Genomic Alteration: WBGene00012929(rsks-1)

Catalog Number: WB-STRAIN:WBStrain00031907

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:31704915, PMID:37644339, PMID:38740431, PMID:39284915

Alternate IDs: WB-STRAIN:RB1206, CGC_RB1206

Organism Name: RB1206

Record Creation Time: 20230227T013619+0000

Record Last Update: 20260815T163146+0000

Ratings and Alerts

No rating or validation information has been found for RB1206.

No alerts have been found for RB1206.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Kern CC, et al. (2025) Machine learning predicts lifespan and suggests underlying causes of death in aging C. elegans. Communications biology, 8(1), 1630.

Ogawa T, et al. (2024) Nutrient control of growth and metabolism through mTORC1 regulation of mRNA splicing. Molecular cell, 84(23), 4558.

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

Muhammad T, et al. (2024) Non-cell-autonomous regulation of germline proteostasis by insulin/IGF-1 signaling-induced dietary peptide uptake via PEPT-1. The EMBO journal, 43(21), 4892.

Dang H, et al. (2023) On the benefits of the tryptophan metabolite 3-hydroxyanthranilic acid in Caenorhabditis elegans and mouse aging. Nature communications, 14(1), 8338.

Zhang R, et al. (2023) Maternal aging increases offspring adult body size via transmission of donut-shaped mitochondria. Cell research, 33(11), 821.

Xiao Y, et al. (2023) Dioscin integrates regulation of monosaturated fatty acid metabolism to extend the life span through XBP-1/SBP-1 dependent manner. iScience, 26(3), 106265.

Lu R, et al. (2022) Lysosome Inhibition Reduces Basal and Nutrient-Induced Fat Accumulation in Caenorhabditis elegans. Molecules and cells, 45(9), 649.

Shpilka T, et al. (2021) UPRmt scales mitochondrial network expansion with protein synthesis via mitochondrial import in Caenorhabditis elegans. Nature communications, 12(1), 479.

Senchuk MM, et al. (2021) Multiple genetic pathways regulating lifespan extension are neuroprotective in a G2019S LRRK2 nematode model of Parkinson's disease. Neurobiology of disease, 151, 105267.

Zhang Y, et al. (2019) Neuronal TORC1 modulates longevity via AMPK and cell nonautonomous regulation of mitochondrial dynamics in C. elegans. eLife, 8.

Solis GM, et al. (2018) Translation attenuation by minocycline enhances longevity and proteostasis in old post-stress-responsive organisms. eLife, 7.

Meng F, et al. (2018) Gengnianchun Extends the Lifespan of Caenorhabditis elegans via the Insulin/IGF-1 Signalling Pathway. Oxidative medicine and cellular longevity, 2018, 4740739.

Chi C, et al. (2016) Nucleotide levels regulate germline proliferation through modulating GLP-1/Notch signaling in C. elegans. Genes & development, 30(3), 307.

Zhuang Z, et al. (2016) Function of RSKS-1-AAK-2-DAF-16 signaling cascade in enhancing toxicity of multi-walled carbon nanotubes can be suppressed by mir-259 activation in Caenorhabditis elegans. Scientific reports, 6, 32409.

Zhu B, et al. (2015) Aiweixin, a traditional Uyghur medicinal formula, protects against chromium toxicity in Caenorhabditis elegans. BMC complementary and alternative medicine, 15, 285.

Edwards C, et al. (2014) D-beta-hydroxybutyrate extends lifespan in C. elegans. Aging, 6(8), 621.

Lucanic M, et al. (2011) N-acylethanolamine signalling mediates the effect of diet on lifespan in Caenorhabditis elegans. Nature, 473(7346), 226.