Resource Summary Report

Generated by dkNET on Aug 24, 2026

RB1197

RRID:WB-STRAIN:WBStrain00031898
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031898

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00031898

Proper Citation: RRID:WB-STRAIN:WBStrain00031898

Description: Caenorhabditis elegans with name ctl-1(ok1242) from WB.

Species: Caenorhabditis elegans

Synonyms: ctl-1(ok1242)

Notes: Made_by: OMRF Knockout Group|"Mutagen:UV/TMP"|"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."|"Y54G11A.6 Homozygous. Outer Left Sequence: cggcgattcttatactccca. Outer Right Sequence: attccccgtataccctgacc. Inner Left Sequence: ggccaattttctgcctgata. Inner Right Sequence: gcctgtccaaaataagcgag. Inner Primer PCR Length: 2994. Estimated Deletion Size: about 2000 bp."

Affected Gene: WBGene00000830(ctl-1)

Genomic Alteration: WBGene00000830(ctl-1)

Catalog Number: WB-STRAIN:WBStrain00031898

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:38443452

Alternate IDs: WB-STRAIN:RB1197, CGC_RB1197

Organism Name: RB1197

Record Creation Time: 20230227T013619+0000

Record Last Update: 20260815T163145+0000

Ratings and Alerts

No rating or validation information has been found for RB1197.

No alerts have been found for RB1197.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Liu Y, et al. (2024) Neuronal PRDX-2-Mediated ROS Signaling Regulates Food Digestion via peripheral UPRmt Activation. Nature communications, 15(1), 10582.

Tsai Y, et al. (2023) Octopamine-MAPK-SKN-1 signaling suppresses mating-induced oxidative stress in Caenorhabditis elegans gonads to protect fertility. iScience, 26(3), 106162.

Branicky R, et al. (2022) Stimulation of RAS-dependent ROS signaling extends longevity by modulating a developmental program of global gene expression. Science advances, 8(48), eadc9851.

Chen H, et al. (2022) Betulinic acid increases lifespan and stress resistance via insulin/IGF-1 signaling pathway in Caenorhabditis elegans. Frontiers in nutrition, 9, 960239.

Song S, et al. (2014) Molecular basis for antioxidant enzymes in mediating copper detoxification in the nematode Caenorhabditis elegans. PloS one, 9(9), e107685.