

Resource Summary Report

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RB1908

RRID:WB-STRAIN:WBStrain00032593

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032593

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032593>

Proper Citation: RRID:WB-STRAIN:WBStrain00032593

Description: Caenorhabditis elegans with name mlk-1(ok2471) V. from WB.

Species: Caenorhabditis elegans

Synonyms: mlk-1(ok2471) V.

Notes: K11D12.10. Homozygous. Outer Left Sequence: CAGCCACTGCTCTTTCATCA. Outer Right Sequence: TGGCAACCCCAAGAAAAATA. Inner Left Sequence: TTTGAGTCTCGCTTGTTCCTCA. Inner Right Sequence: TTTCTATGCGGTGCATTTCATCA. Inner Primer PCR Length: 3205 bp. Deletion Size: 2971 bp. Deletion left flank: CTCATCGGCATTGTGCGACTGAAAGTTTATT. Deletion right flank: ATTAGCTCAATTTTTTGCAAACTAACTTG. Insertion Sequence: CATGATCTTTATGCGGGAAGTGGTGATATAAATCGAAAAAATCGGCATTCCATCGCGCCGGAAACCAAAGCAAGACGGTTAAAGCATCATAAACCAAAAAAAGCCGACATAACGGGTCGACAGAAGTGAAACATATATTGTCTGTGCAAAAGGATGATAAAAATTTTAGAGTTAAAGTAAGTTATATGGTTTAATATTCAATAAAATTGAAAGTTTTTTTGCATGCGTCATTGTTGTATAGTAGAAACAATAATTTGAAATAAATATTAACGTAAAATCAAGATTGCATGCTAGGGTTTCCATGGTAGGCAGGCGTGACCTAGTGCTGCTGAAACTGCCGACCACATGCTCTTTTCTACATTTTGGCAGAAATTTAGGCGAGGCGTTTTTGGCGCCTACATGGAAGCCCAATAGCATGCAATTGTTTCGTTCCGTTTACTTCTCATATGAACTTATCTGCTAAATTAATATTAACATAGGATATTTTTGAGTCGAAAACAC.|"K11D12.10. Homozygous. Outer Left Sequence: CAGCCACTGCTCTTTCATCA. Outer Right Sequence: TGGCAACCCCAAGAAAAATA. Inner Left Sequence: TTTGAGTCTCGCTTGTTCCTCA. Inner Right Sequence: TTTCTATGCGGTGCATTTCATCA. Inner Primer PCR Length: 3205 bp. Deletion Size: 2971 bp. Deletion left flank: CTCATCGGCATTGTGCGACTGAAAGTTTATT. Deletion right flank: ATTAGCTCAATTTTTTGCAAACTAACTTG. Insertion Sequence: CATGATCTTTATGCGGGAAGTGGTGATATAAATCGAAAAAATCGGCATTCCATCGCGCCGAAAGGAAOMRF Knockout Group|"Mutagen:UV/TMP|"Supplementary_genotype mlk-1 (ok2471)

V"|"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."

Affected Gene: WBGene00003374(mlk-1)

Genomic Alteration: WBGene00003374(mlk-1)

Catalog Number: WB-STRAIN:WBStrain00032593

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37603562](#), [PMID:37310929](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:RB1908, CGC_RB1908

Organism Name: RB1908

Record Creation Time: 20230227T013624+0000

Record Last Update: 20260815T163159+0000

Ratings and Alerts

No rating or validation information has been found for RB1908.

No alerts have been found for RB1908.

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 [NIF](#) .

Brar HK, et al. (2024) Functional Recovery Associated with Dendrite Regeneration in PVD Neuron of Caenorhabditis elegans. eNeuro, 11(5).

Puri D, et al. (2023) Muscleblind-1 interacts with tubulin mRNAs to regulate the microtubule cytoskeleton in C. elegans mechanosensory neurons. PLoS genetics, 19(8), e1010885.