

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

RB630

RRID:WB-STRAIN:WBStrain00031377

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031377

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031377>

Proper Citation: RRID:WB-STRAIN:WBStrain00031377

Description: Caenorhabditis elegans with name rpm-1(ok364) V. from WB.

Species: Caenorhabditis elegans

Synonyms: rpm-1(ok364) V.

Notes: C01B7.6 Homozygous. Outer Left Sequence: cgaatctcctccacggaata. Outer Right Sequence: atcgatttgatggtacggga. Inner Left Sequence: tggaatggattctggtggat. Inner Right Sequence: gagttgggctgtatggagga. Inner Length: 2972. Estimated Deletion Size: 2272.|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"Supplementary_genotype rpm-1 (ok364) 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: WBGene00004457(rpm-1)

Genomic Alteration: WBGene00004457(rpm-1)

Catalog Number: WB-STRAIN:WBStrain00031377

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37603562](#)

Alternate IDs: WB-STRAIN:RB630, CGC_RB630

Organism Name: RB630

Record Creation Time: 20230227T013615+0000

Record Last Update: 20260808T171407+0000

Ratings and Alerts

No rating or validation information has been found for RB630.

No alerts have been found for RB630.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Drozd CJ, et al. (2023) UNC-116 and UNC-16 function with the NEKL-3 kinase to promote axon targeting. Development (Cambridge, England), 150(18).

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.

Buddell T, et al. (2019) An autism-causing calcium channel variant functions with selective autophagy to alter axon targeting and behavior. PLoS genetics, 15(12), e1008488.

Park EC, et al. (2009) The ubiquitin ligase RPM-1 and the p38 MAPK PMK-3 regulate AMPA receptor trafficking. PloS one, 4(1), e4284.