

Resource Summary Report

Generated by [ASWG](#) on Sep 21, 2026

RB1321

RRID:WB-STRAIN:WBStrain00032020

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032020

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032020>

Proper Citation: RRID:WB-STRAIN:WBStrain00032020

Description: Caenorhabditis elegans with name C56G3.1(ok1439) X. from WB.

Species: Caenorhabditis elegans

Synonyms: C56G3.1(ok1439) X.

Notes: C56G3.1 Homozygous. Outer Left Sequence: atagaaaggcaaccgggatt. Outer Right Sequence: cggtaagaaagcggaaatga. Inner Left Sequence: gtttgctcttttggtggga. Inner Right Sequence: catcgtccaatacaatgcga. Inner Primer PCR Length: 2408. Deletion Size: 838 bp deletion with a 1 bp insertion. Sequence across breakpoint from Neline Kriek: tggattggtgataatggctgtagtattgattattaataacatattccaggaa.|"Made_by: OMRF Knockout Group"| "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: WBGene00016984(npr-8)

Genomic Alteration: WBGene00016984(npr-8)

Catalog Number: WB-STRAIN:WBStrain00032020

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1321, CGC_RB1321

Organism Name: RB1321

Record Creation Time: 20230227T013620+0000

Record Last Update: 20260919T180711+0000

Ratings and Alerts

No rating or validation information has been found for RB1321.

No alerts have been found for RB1321.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in *C. elegans*. Nature communications, 16(1), 1814.