

Resource Summary Report

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VC3139

RRID:WB-STRAIN:WBStrain00037695

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037695

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037695>

Proper Citation: RRID:WB-STRAIN:WBStrain00037695

Description: Caenorhabditis elegans with name Y53C12B.1(ok1245)/mIn1 [mIs14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: Y53C12B.1(ok1245)/mIn1 [mIs14 dpy-10(e128)] II.

Notes: Mutagen:UV/TMP|"This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|"Y53C12B.1. Homozygous lethal deletion chromosome balanced by GFP- and dpy-10-marked inversion. Heterozygotes are WT with relatively dim pharyngeal GFP signal, and segregate WT dim GFP, Dpy bright GFP (mIn1 homozygotes), and non-GFP ok1245 homozygotes (mid-larval arrest). Pick WT dim GFP and check for correct segregation of progeny to maintain. External left primer: AGCTGCTAGTGGCCATGTTT. External right primer: GAAATGGGTGGGCACTTAAA. Internal left primer: GCTAACATCTTGCTTTGCCC. Internal right primer: CGCGTAGAATTAAACGGGAA. Internal WT amplicon: 3125 bp. Deletion size: 1458 bp. Deletion left flank: CAGTATGCGCATCAATGGAACATTCAACAAT. Deletion right flank: TTTCTTGAGTTTCTGTTTCATGAATACTCA. Insertion Sequence: TTCC."

Affected Gene: WBGene00001072(dpy-10)|WBGene00013143(Y53C12B.1)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00013143(Y53C12B.1)

Catalog Number: WB-STRAIN:WBStrain00037695

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC3139, CGC_VC3139

Organism Name: VC3139

Record Creation Time: 20230227T013703+0000

Record Last Update: 20260815T163331+0000

Ratings and Alerts

No rating or validation information has been found for VC3139.

No alerts have been found for VC3139.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.