

Resource Summary Report

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VC1458

RRID:WB-STRAIN:WBStrain00036613

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036613

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036613>

Proper Citation: RRID:WB-STRAIN:WBStrain00036613

Description: *Caenorhabditis elegans* with name *dyrb-1&dnj-23(ok1931)/mIn1 [mIs14 dpy-10(e128)] II.* from WB.

Species: *Caenorhabditis elegans*

Synonyms: *dyrb-1&dnj-23(ok1931)/mIn1 [mIs14 dpy-10(e128)] II.*

Notes: T24H10.6, T24H10.3. Homozygous viable 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 *ok1931* homozygotes (*Sma*, *Unc*, *Gro* with tail and vulval defects). Pick WT dim GFP and check for correct segregation of progeny to maintain. External left primer: TGGCGATTATGGAAGAGGAG. External right primer: ATTGCGATGAGAAAGCTCGT. Internal left primer: ATTCTCGCAAAGGCGACTAA. Internal right primer: CAAGCGTAAGGCTGAGAAGG. Internal WT amplicon: 2301 bp. Deletion size: 1608 bp. Deletion left flank: AGTTAGTAGGAACCAAGTTTGGCGAATACG. Deletion right flank: AAAACTTATAAATAAAGTGACAGATTTTAC.|"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."

Affected Gene: WBGene00001041(*dnj-23*)|WBGene00001072(*dpy-10*)|WBGene00012004(*dyrb-1*)

Genomic Alteration: WBGene00001041(*dnj-23*), WBGene00001072(*dpy-10*), WBGene00012004(*dyrb-1*)

Catalog Number: WB-STRAIN:WBStrain00036613

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1458, CGC_VC1458

Organism Name: VC1458

Record Creation Time: 20230227T013655+0000

Record Last Update: 20260829T162305+0000

Ratings and Alerts

No rating or validation information has been found for VC1458.

No alerts have been found for VC1458.

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.