

Resource Summary Report

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VC2646

RRID:WB-STRAIN:WBStrain00037473

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037473

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037473>

Proper Citation: RRID:WB-STRAIN:WBStrain00037473

Description: *Caenorhabditis elegans* with name lrr-1(ok3435)/mIn1 [mls14 dpy-10(e128)] II. from WB.

Species: *Caenorhabditis elegans*

Synonyms: lrr-1(ok3435)/mIn1 [mls14 dpy-10(e128)] II.

Notes: F33G12.4. Homozygous sterile 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 ok3435 homozygotes (sterile, no eggs). Pick WT dim GFP and check for correct segregation of progeny to maintain. External left primer: AAGTCCGATTTTGCAGCTTG. External right primer: TCCCAGTGCTCTTTTATCG. Internal left primer:

AACCATTTGATCATTGGCATT. Internal right primer: CCATGTGAAGTGGTTTTTGC.

Internal WT amplicon: 1116 bp. Deletion size: 563 bp. Deletion left flank:

AGGCTTTATCAGGTCTCCGTAAATCGATAG. Deletion right flank:

GATTAACTCCGGCATTGCTTTATAACGTG. Insertion Sequence: AC."

"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: WBGene00001072(dpy-10)|WBGene00018016(lrr-1)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00018016(lrr-1)

Catalog Number: WB-STRAIN:WBStrain00037473

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33713117](#)

Alternate IDs: WB-STRAIN:VC2646, CGC_VC2646

Organism Name: VC2646

Record Creation Time: 20230227T013701+0000

Record Last Update: 20260815T163328+0000

Ratings and Alerts

No rating or validation information has been found for VC2646.

No alerts have been found for VC2646.

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.