

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## VC2646

RRID:WB-STRAIN:WBStrain00037473

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00037473

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### 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 [mIs14 dpy-10(e128)] II. from WB.

**Species:** *Caenorhabditis elegans*

**Synonyms:** lrr-1(ok3435)/mIn1 [mIs14 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:

GATTA ACTCCGGCATT TGCTTTATAACGTG. 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

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## Ratings and Alerts

No rating or validation information has been found for VC2646.

No alerts have been found for VC2646.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.