

Resource Summary Report

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VC1810

RRID:WB-STRAIN:WBStrain00036893

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036893

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036893>

Proper Citation: RRID:WB-STRAIN:WBStrain00036893

Description: *Caenorhabditis elegans* with name pyr-1(ok2391)/mIn1 [mIs14 dpy-10(e128)] II. from WB.

Species: *Caenorhabditis elegans*

Synonyms: pyr-1(ok2391)/mIn1 [mIs14 dpy-10(e128)] II.

Notes: D2085.1. 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 ok2391 homozygotes (sterile, eggs don't hatch). Pick WT dim GFP and check for correct segregation of progeny to maintain. External left primer: GAAGCAGCTGAAGAGTTGGG. External right primer: CTCTATTCGCCATCTGAGCC. Internal left primer: AGTTCTTGTCAGAGCCGCAT. Internal right primer: ATTAGCAGGGAAGGCACTCA. Internal WT amplicon: 3370 bp. Deletion size: 2034 bp. Deletion left flank: GGTGTCCGATCATGCTGACGGTTTCTCTCC. Deletion right flank: ATGGCAATTGACAATGGAATTCCCTTGATA. Insertion Sequence: GA.|"Made_by: Henry Ng"|"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)|WBGene00004259(pyr-1)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00004259(pyr-1)

Catalog Number: WB-STRAIN:WBStrain00036893

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38991033](#)

Alternate IDs: WB-STRAIN:VC1810, CGC_VC1810

Organism Name: VC1810

Record Creation Time: 20230227T013657+0000

Record Last Update: 20260905T115350+0000

Ratings and Alerts

No rating or validation information has been found for VC1810.

No alerts have been found for VC1810.

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 [dkNET](#) .

Yanagi KS, et al. (2024) Mutations in nucleotide metabolism genes bypass proteasome defects in png-1/NGLY1-deficient *Caenorhabditis elegans*. PLoS biology, 22(7), e3002720.