

Resource Summary Report

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VC2391

RRID:WB-STRAIN:WBStrain00037302

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037302>

Proper Citation: RRID:WB-STRAIN:WBStrain00037302

Description: *Caenorhabditis elegans* with name gkDf17 II; gkDf18 C50C10.2(gk3035) gcy-20(gk1184) V. from WB.

Species: *Caenorhabditis elegans*

Synonyms: gkDf17 II; gkDf18 C50C10.2(gk3035) gcy-20(gk1184) V.

Notes: C40A11.7, C40A11.8, C40A11.1, F56E10.1, Y38C9A.1, C50C10.2, F21H7.9. The allele gk1184 was identified by PCR, validated by CGH, and can be detected using the following PCR primers. External left primer: AATCACTTTCGGTGCAGCTT. External right primer: GTATGCCCCACAGTTTGTCT. Internal left primer: AGTATCGCGGCATTGTTAGC. Internal right primer: TGCTCAAGCTTGGAGAGACA. Internal WT amplicon: 2419 bp. Deletion size: 2042 bp. Deletion left flank: ACCGCAATTAATTCCAATTCTAAGGTTTAT. Deletion right flank: ACTGGCGTCTTACAGTAAATTTTGTGTGAC. The allele gkDf17 was identified by CGH but not confirmed by PCR. Left flanking probe: ATTCCGCGATGTCTCCTTAAATCTTTTGGCAGAGGTTCTCGATTATCCAT. Right flanking probe: ATTGATCGAAAGTTACGAAGACGTGGACTAGTCCCAAATTCCTAGTGAC. Left deleted probe: GAAAATAGATTTCTACCACTGAACTGTTTTTCTTAACAACTCATCGAAT. Right deleted probe: CTGTTGAGAACATATCTAGTATTAAGGAAGGAGGGAATTCACAGGC. The allele gkDf18 was identified by CGH but not confirmed by PCR. Left flanking probe: CGAATTTTCGAGGAAGATGAAGTTTATGCGGACGTCCAAAGTGTTGAAAA. Right flanking probe: GATTTCGCTGTGATAAGCGTCGAGGAGGCAATCGAAATGTGGAGCTTCTG. Left deleted probe: CCAAAGTGTTGAAAAACGGAAAATTCAGGATTTTCGACGAGCGAATTGAGG. Right

deleted probe:

CAATTATGCAAATCTCGTCGATATTATACAAAATGATATAGATTTCGCTG. The allele gk3035 was identified by CGH but not confirmed by PCR. Left flanking probe: TGTTTCAGTATTGCCGTCTTATTATGTATAGATTTGCTATTCCATTTCTA. Right flanking probe: CATTTTCGAGTTCAATTTTCTGTGCAAACGCTGGAATGACAATATTCATG. Left deleted probe:

TTTATCGTCCCATTAGCATTGTCACTTTTCAATGTTACTACAGTAGGATT. Right deleted probe:

TTGTACGAAGGAGAGGAATATGCAAAGTTGAATGCTATTATTCATCTGTC."Made_by: Vancouver KO Group"|"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."

Affected Gene: WBGene00001545(gcy-20)|WBGene00005692(sru-29)

Genomic Alteration: WBGene00001545(gcy-20), WBGene00005692(sru-29)

Catalog Number: WB-STRAIN:WBStrain00037302

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC2391, CGC_VC2391

Organism Name: VC2391

Record Creation Time: 20230227T013700+0000

Record Last Update: 20260815T163325+0000

Ratings and Alerts

No rating or validation information has been found for VC2391.

No alerts have been found for VC2391.

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.