

Resource Summary Report

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VC1598

RRID:WB-STRAIN:WBStrain00036721

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036721

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036721>

Proper Citation: RRID:WB-STRAIN:WBStrain00036721

Description: Caenorhabditis elegans with name acr-20(ok1849)/mT1 II; +/-mT1 [dpy-10(e128)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: acr-20(ok1849)/mT1 II; +/-mT1 [dpy-10(e128)] III.

Notes: Mutagen:UV/TMP|R06A4.10. Apparent homozygous lethal deletion chromosome balanced by dpy-10-marked translocation. Heterozygotes are WT, and segregate WT, arrested mT1 aneuploids, sterile Dpys (mT1 homozygotes), and ok1849 homozygotes (arrest stage/phenotype undetermined). Pick WT and check for correct segregation of progeny to maintain. External left primer: AGGTCTTTTGGATGACACCG. External right primer: CCGCCAAATTACCTACCAAA. Internal left primer: TACTGTATCCGGAGCCATCC. Internal right primer: TGGGTGGTTGACCAATTTCT. Internal WT amplicon: 3238 bp. Deletion size: 1398 bp. Deletion left flank: CCATCCACCAGTAGAAAAAACCAATCAGAT. Deletion right flank: GATCAGAATAATACAATCCTAACTGTTTTTC."|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: WBGene00000059(acr-20)|WBGene00001072(dpy-10)

Genomic Alteration: WBGene00000059(acr-20), WBGene00001072(dpy-10)

Catalog Number: WB-STRAIN:WBStrain00036721

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1598, CGC_VC1598

Organism Name: VC1598

Record Creation Time: 20230227T013655+0000

Record Last Update: 20260815T163315+0000

Ratings and Alerts

No rating or validation information has been found for VC1598.

No alerts have been found for VC1598.

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 [ASWG](#) .

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in *Caenorhabditis elegans*. PLoS biology, 23(10), e3003423.