Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

VC40851

RRID:WB-STRAIN:WBStrain00039818
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00039818

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00039818

Proper Citation: RRID:WB-STRAIN:WBStrain00039818

Description: Caenorhabditis elegans with name Whole-genome sequenced strain. from WB.

Species: Caenorhabditis elegans

Synonyms: Whole-genome sequenced strain.

Notes: Homozygous viable. Nonsense allele identified by amplicon sequencing. The gk5173 mutation is G->A, flanking sequences ATATGTAAAACTCACCTCTTGGAAGTACT and ATCGTTTCCATTGATATGATCCATCCAGAC.|"Made_by: Vancouver KO Group"|"Million Mutation Project strain. This strain was isolated after EMS+ENU mutagenesis of VC2010, propagated clonally through F10 to drive mutations to homozygosity, and subjected to whole-genome sequencing. It is homozygous for a large number of mutations determined from sequence data. It may also carry large copy number variations that are not homozygous. Alleles numbered between gk100000 and gk962522 are homozygous; those numbered from gk962523 up should be assumed to be non-homozygous. A graphical representation of these large copy number differences can be seen in the Plot section for each strain on the MMP web site (URL: genome.sfu.ca/mmp/)."|"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: WBGene00021972(glb-31)

Genomic Alteration: WBGene00021972(glb-31)

Catalog Number: WB-STRAIN:WBStrain00039818

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC40851, CGC_VC40851

Organism Name: VC40851

Record Creation Time: 20230227T013720+0000

Record Last Update: 20260725T172455+0000

Ratings and Alerts

No rating or validation information has been found for VC40851.

No alerts have been found for VC40851.

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.