

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

RB1104

RRID:WB-STRAIN:WBStrain00031808

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031808

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031808>

Proper Citation: RRID:WB-STRAIN:WBStrain00031808

Description: Caenorhabditis elegans with name hsp-3(ok1083) X. from WB.

Species: Caenorhabditis elegans

Synonyms: hsp-3(ok1083) X.

Notes: C15H9.6 Homozygous. Outer Left Sequence: GGGGTAGGAGAGCCATTTTC. Outer Right Sequence: ACTTGGCCTTTTCCGATTTT. Inner Left Sequence: CGATCGTTTAGAGCTCGTCC. Inner Right Sequence: CCTGCCGTTTCCATAACAGT. Inner Primer PCR Length: 2947. Estimated Deletion Size: about 1300 bp."|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|"WBStrain provided so WBPaper00061805 paper added based on AFP_Strain data."

Affected Gene: WBGene00002007(hsp-3)

Genomic Alteration: WBGene00002007(hsp-3)

Catalog Number: WB-STRAIN:WBStrain00031808

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34407398](#)

Alternate IDs: WB-STRAIN:RB1104, CGC_RB1104

Organism Name: RB1104

Record Creation Time: 20230227T013619+0000

Record Last Update: 20260829T162131+0000

Ratings and Alerts

No rating or validation information has been found for RB1104.

No alerts have been found for RB1104.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Shi J, et al. (2024) Identification of BiP as a temperature sensor mediating temperature-induced germline sex reversal in *C. elegans*. The EMBO journal, 43(18), 4020.

Tang H, et al. (2021) Fatty acids impact sarcomere integrity through myristoylation and ER homeostasis. Cell reports, 36(7), 109539.

Johnson JR, et al. (2016) Small Heat Shock Proteins Are Novel Common Determinants of Alcohol and Nicotine Sensitivity in *Caenorhabditis elegans*. Genetics, 202(3), 1013.

He L, et al. (2012) The cystic-fibrosis-associated $\Delta F508$ mutation confers post-transcriptional destabilization on the *C. elegans* ABC transporter PGP-3. Disease models & mechanisms, 5(6), 930.

Yuan Y, et al. (2011) Dysregulated LRRK2 signaling in response to endoplasmic reticulum stress leads to dopaminergic neuron degeneration in *C. elegans*. PloS one, 6(8), e22354.