

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

ZB2551

RRID:WB-STRAIN:WBStrain00040801

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040801

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040801>

Proper Citation: RRID:WB-STRAIN:WBStrain00040801

Description: Caenorhabditis elegans with name mec-10(tm1552) X. from WB.

Species: Caenorhabditis elegans

Synonyms: mec-10(tm1552) X.

Notes: EMPTY

Affected Gene: WBGene00003174(mec-10)

Genomic Alteration: WBGene00003174(mec-10)

Catalog Number: WB-STRAIN:WBStrain00040801

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37500635](#)

Alternate IDs: WB-STRAIN:ZB2551, CGC_ZB2551

Organism Name: ZB2551

Record Creation Time: 20230227T013727+0000

Record Last Update: 20260905T115449+0000

Ratings and Alerts

No rating or validation information has been found for ZB2551.

No alerts have been found for ZB2551.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Rosero M, et al. (2026) AFD thermosensory neurons mediate tactile-dependent locomotion modulation in *C. elegans*. *eLife*, 14.

Inberg S, et al. (2025) Sensory experience controls dendritic structure and behavior by distinct pathways involving degenerins. *eLife*, 14.

Zhan X, et al. (2023) Locomotion modulates olfactory learning through proprioception in *C. elegans*. *Nature communications*, 14(1), 4534.

Tee LF, et al. (2023) Electric shock causes a fleeing-like persistent behavioral response in the nematode *Caenorhabditis elegans*. *Genetics*, 225(2).