

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

CB3778

RRID:WB-STRAIN:WBStrain00004506

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004506>

Proper Citation: RRID:WB-STRAIN:WBStrain00004506

Description: Caenorhabditis elegans with name tra-2(e2020) II. from WB.

Species: Caenorhabditis elegans

Synonyms: tra-2(e2020) II.

Notes: Obligate XX female, XO male strain. Maintain by mating. e2020 is a dominant mutation transforming XX into fertile females. XO animals are partly feminized by starvation or elevated temperatures, therefore the strain cannot be grown at 25C.

Affected Gene: WBGene00006605(tra-2)

Genomic Alteration: WBGene00006605(tra-2)

Catalog Number: WB-STRAIN:WBStrain00004506

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CB3778, CGC_CB3778

Organism Name: CB3778

Record Creation Time: 20230227T013253+0000

Record Last Update: 20260801T171127+0000

Ratings and Alerts

No rating or validation information has been found for CB3778.

No alerts have been found for CB3778.

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 [RRID](#) .

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.