

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

MT1082

RRID:WB-STRAIN:WBStrain00026787

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026787

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026787>

Proper Citation: RRID:WB-STRAIN:WBStrain00026787

Description: Caenorhabditis elegans with name EMPTY from WB.

Species: Caenorhabditis elegans

Synonyms: EMPTY

Notes: Egg-laying defective. Retains late stage eggs. Semi-dominant. Males mate successfully. Egg-laying serotonin sensitive and imipramine resistant.|"Reference WBPaper00058851 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype egl-1(n487)"|"WBStrain mapped, WBPaper00059778 added based on AFP_Strain data."

Affected Gene: WBGene00001170(egl-1)

Genomic Alteration: WBGene00001170(egl-1)

Catalog Number: WB-STRAIN:WBStrain00026787

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:11813735](#), [PMID:31717869](#), [PMID:32510332](#), [PMID:34506477](#), [PMID:37769660](#)

Alternate IDs: WB-STRAIN:MT1082, CGC_MT1082

Organism Name: MT1082

Record Creation Time: 20230227T013540+0000

Record Last Update: 20260912T181522+0000

Ratings and Alerts

No rating or validation information has been found for MT1082.

No alerts have been found for MT1082.

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 [dkNET](#) .

Lacour A, et al. (2026) Cytoplasmic TDP-43 leads to early behavioral impairments without neurodegeneration in a serotonergic neuron-specific *C. elegans* model. *Scientific reports*, 16(1), 6068.

Ji H, et al. (2024) Automated multimodal imaging of *Caenorhabditis elegans* behavior in multi-well plates. *Genetics*, 228(4).

Huang YC, et al. (2023) A single neuron in *C. elegans* orchestrates multiple motor outputs through parallel modes of transmission. *bioRxiv : the preprint server for biology*.

Huang YC, et al. (2023) A single neuron in *C. elegans* orchestrates multiple motor outputs through parallel modes of transmission. *Current biology : CB*, 33(20), 4430.