

Resource Summary Report

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

CB4689

RRID:WB-STRAIN:WBStrain00004578

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004578>

Proper Citation: RRID:WB-STRAIN:WBStrain00004578

Description: Caenorhabditis elegans with name dpy-28(y1) III; him-8(e1489) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: dpy-28(y1) III; him-8(e1489) IV.

Notes: y1 is a temperature sensitive mutation affecting only XX animals. him-8(e1489) causes X non-disjunction, resulting in many males. Grow at 15C. XX and XXX animals not viable above 15C. After shifting to 25C, surviving population is almost all XO males.

Affected Gene: WBGene00001087(dpy-28)|WBGene00001867(him-8)

Genomic Alteration: WBGene00001087(dpy-28), WBGene00001867(him-8)

Catalog Number: WB-STRAIN:WBStrain00004578

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38769103](#)

Alternate IDs: WB-STRAIN:CB4689, CGC_CB4689

Organism Name: CB4689

Record Creation Time: 20230227T013253+0000

Record Last Update: 20260801T171128+0000

Ratings and Alerts

No rating or validation information has been found for CB4689.

No alerts have been found for CB4689.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Haque R, et al. (2025) Decoding sexual dimorphism of the sex-shared nervous system at single-neuron resolution. Science advances, 11(28), eadv9106.

Haque R, et al. (2024) Sex-specific developmental gene expression atlas unveils dimorphic gene networks in C. elegans. Nature communications, 15(1), 4273.