

# Resource Summary Report

Generated by [ASWG](#) on Aug 16, 2026

## JK2810

RRID:WB-STRAIN:WBStrain00022592

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00022592

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00022592>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00022592

**Description:** Caenorhabditis elegans with name mcm-4(e1466) dpy-5(e61)/hT2 I; dpy-18(e364) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** mcm-4(e1466) dpy-5(e61)/hT2 I; dpy-18(e364) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

**Notes:** Heterozygotes are medium Dpy and glowing. Hets throw small, sterile DpyUncs and dead eggs. hT2[bli-4(e937) qIs48] is homozygous lethal. qIs48 is an insertion of ccEx9747 with markers myo-2::GFP expressed in the pharynx throughout development, pes-10::GFP expressed in the embryo, and gut promoter F22B7.9 driving GFP in the intestine. Do not distribute this strain; other labs should request it directly from the CGC. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects. Note: qIs48 has been observed to recombine off hT2, typically leaving behind a functional homozygous viable hT2 with Bli-4 phenotype.|"Made\_by: K. Siegfried"

**Affected Gene:** WBGene00000254(bli-4)|WBGene00001067(dpy-5)|WBGene00001077(dpy-18)|WBGene00003156(mcm-4)

**Genomic Alteration:** WBGene00000254(bli-4), WBGene00001067(dpy-5), WBGene00001077(dpy-18), WBGene00003156(mcm-4)

**Catalog Number:** WB-STRAIN:WBStrain00022592

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:JK2810, CGC\_JK2810

**Organism Name:** JK2810

**Record Creation Time:** 20230227T013509+0000

**Record Last Update:** 20260815T162900+0000

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## Ratings and Alerts

No rating or validation information has been found for JK2810.

No alerts have been found for JK2810.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Li Z, et al. (2023) A robotic system for automated genetic manipulation and analysis of *Caenorhabditis elegans*. PNAS nexus, 2(7), pgad197.