

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 25, 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

Ratings and Alerts

No rating or validation information has been found for JK2810.

No alerts have been found for JK2810.

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 [SPARC SAWG](#) .

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