

Resource Summary Report

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VC2240

RRID:WB-STRAIN:WBStrain00037194

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037194

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037194>

Proper Citation: RRID:WB-STRAIN:WBStrain00037194

Description: *Caenorhabditis elegans* with name *acs-4(ok2872) III/hT2 [bli-4(e937) let-?(q782) qIs48]* (I;III). from WB.

Species: *Caenorhabditis elegans*

Synonyms: *acs-4(ok2872) III/hT2 [bli-4(e937) let-?(q782) qIs48]* (I;III).

Notes: F37C12.7. Homozygous sterile deletion chromosome balanced by *bli-4-* and GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested hT2 aneuploids, and non-GFP *ok2872* homozygotes (sterile adult). Homozygous *hT2[bli-4 let-? qIs48]* inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CTGTTTCAGGCAAATTGGGT. External right primer: TTCCTGTGCTCAAGTCGTTG. Internal left primer: ATGTTTGGGAAGCTCGACAGC. Internal right primer: ATCCTTGAACAACAGGGCAG. Internal WT amplicon: 1170 bp. Deletion size: 335 bp. Deletion left flank: CTGAAGACCCTGATTTATTTGCTCCTGTG. Deletion right flank: AATTTTTATTGGATTAAACTCATTTTAC. Insertion Sequence: CGAAATA.|"This strain was provided by the *C. elegans* Reverse Genetics Core Facility at the University of British Columbia, which is part of the international *C. elegans* Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: *WBGene00000254(bli-4)|WBGene00018152(acs-4)*

Genomic Alteration: *WBGene00000254(bli-4), WBGene00018152(acs-4)*

Catalog Number: WB-STRAIN:WBStrain00037194

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37164154](#)

Alternate IDs: WB-STRAIN:VC2240, CGC_VC2240

Organism Name: VC2240

Record Creation Time: 20230227T013659+0000

Record Last Update: 20260815T163324+0000

Ratings and Alerts

No rating or validation information has been found for VC2240.

No alerts have been found for VC2240.

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 [NIF](#) .

Ruiz M, et al. (2023) AdipoR2 recruits protein interactors to promote fatty acid elongation and membrane fluidity. The Journal of biological chemistry, 299(6), 104799.

Tang H, et al. (2021) Fatty acids impact sarcomere integrity through myristoylation and ER homeostasis. Cell reports, 36(7), 109539.