

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

RB1189

RRID:WB-STRAIN:WBStrain00031890

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031890

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031890>

Proper Citation: RRID:WB-STRAIN:WBStrain00031890

Description: Caenorhabditis elegans with name chs-1(ok1120) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: chs-1(ok1120) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Made_by: OMRF Knockout Group|Mutagen:UV/TMP|T25G3.2 Heterozygotes are WT and GFP+. qIs48 is an insertion of ccEx9747 (carries myo-2::GFP, pes-10::GFP, and a gut enhancer fused to GFP) onto the hT2 chromosome and is homozygous lethal. Segregates very rare homozygous hT2 glowing animals. Outer Left Sequence: tgtggctgtgtgcaaagat. Outer Right Sequence: tggagaagcattccgagagt. Inner Left Sequence: attgcacttcagctggctt. Inner Right Sequence: gggtcatcggttcctcgtta. Inner Primer PCR Length: 3205. Estimated Deletion Size: about 1600 bp. Note: qIs48 has been observed to recombine off hT2, typically leaving behind a functional homozygous viable hT2 with Bli-4 phenotype."|This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was 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)|WBGene00000496(chs-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00000496(chs-1)

Catalog Number: WB-STRAIN:WBStrain00031890

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1189, CGC_RB1189

Organism Name: RB1189

Record Creation Time: 20230227T013619+0000

Record Last Update: 20260912T181632+0000

Ratings and Alerts

No rating or validation information has been found for RB1189.

No alerts have been found for RB1189.

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 [NIF](#) .

Leighton DH, et al. (2014) Communication between oocytes and somatic cells regulates volatile pheromone production in *Caenorhabditis elegans*. *Proceedings of the National Academy of Sciences of the United States of America*, 111(50), 17905.