

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

OH13646

RRID:WB-STRAIN:WBStrain00029735

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029735

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029735>

Proper Citation: RRID:WB-STRAIN:WBStrain00029735

Description: Caenorhabditis elegans with name pha-1 (e2123) III; him-5 (e1490) V; otIs544 [cho-1(fosmid)::SL2::mCherry::H2B + pha-1(+)] from WB.

Species: Caenorhabditis elegans

Synonyms: pha-1 (e2123) III; him-5 (e1490) V; otIs544 [cho-1(fosmid)::SL2::mCherry::H2B + pha-1(+)]

Notes: otIs544 [cho-1(fosmid)::SL2::mCherry::H2B + pha-1(+)]. Him. Reference: Serrano-Saiz E, et al. Cell. 2013 Oct 24;155(3):659-73.

Affected Gene: WBGene00001864(him-5)|WBGene00004010(pha-1)

Genomic Alteration: WBGene00001864(him-5), WBGene00004010(pha-1)

Catalog Number: WB-STRAIN:WBStrain00029735

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34534446](#)

Alternate IDs: WB-STRAIN:OH13646, CGC_OH13646

Organism Name: OH13646

Record Creation Time: 20230227T013603+0000

Ratings and Alerts

No rating or validation information has been found for OH13646.

No alerts have been found for OH13646.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Correa E, et al. (2024) UNC-30/PITX coordinates neurotransmitter identity with postsynaptic GABA receptor clustering. *Development (Cambridge, England)*, 151(16).

Li Y, et al. (2023) Cell context-dependent CFI-1/ARID3 functions control neuronal terminal differentiation. *Cell reports*, 42(3), 112220.

Susoy V, et al. (2021) Natural sensory context drives diverse brain-wide activity during *C.??elegans* mating. *Cell*, 184(20), 5122.

Emmons SW, et al. (2021) Methods for analyzing neuronal structure and activity in *Caenorhabditis elegans*. *Genetics*, 218(4).

Li Y, et al. (2020) Establishment and maintenance of motor neuron identity via temporal modularity in terminal selector function. *eLife*, 9.

Bentley B, et al. (2016) The Multilayer Connectome of *Caenorhabditis elegans*. *PLoS computational biology*, 12(12), e1005283.