

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

HZ589

RRID:WB-STRAIN:WBStrain00008590

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00008590

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008590>

Proper Citation: RRID:WB-STRAIN:WBStrain00008590

Description: Caenorhabditis elegans with name him-5(e1490) V; bpls151 [sqst-1p::sqst-1::GFP:] from WB.

Species: Caenorhabditis elegans

Synonyms: him-5(e1490) V; bpls151 [sqst-1p::sqst-1::GFP:]

Notes: bpls151 [sqst-1p::sqst-1::GFP + unc-76(+)]. Him. In wild-type embryos, sqst-1::GFP is very weakly expressed and diffusely localized in the cytoplasm. Reference: Tian Y, et al. Cell. 2010 Jun 11;141(6):1042-55.|"Mutagen:Gamma radiation"

Affected Gene: WBGene00001864(him-5)

Genomic Alteration: WBGene00001864(him-5)

Catalog Number: WB-STRAIN:WBStrain00008590

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36774344](#), [PMID:37118512](#), [PMID:38483903](#), [PMID:38963038](#), [PMID:39117797](#)

Alternate IDs: WB-STRAIN:HZ589, CGC_HZ589

Organism Name: HZ589

Record Creation Time: 20230227T013323+0000

Record Last Update: 20260801T171239+0000

Ratings and Alerts

No rating or validation information has been found for HZ589.

No alerts have been found for HZ589.

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 [dkNET](#) .

Hu Q, et al. (2024) BLMP-1 is a critical temporal regulator of dietary-restriction-induced response in *Caenorhabditis elegans*. *Cell reports*, 43(3), 113959.

Papandreou ME, et al. (2023) Nucleophagy delays aging and preserves germline immortality. *Nature aging*, 3(1), 34.