

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

HZ1684

RRID:WB-STRAIN:WBStrain00008597

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00008597

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008597>

Proper Citation: RRID:WB-STRAIN:WBStrain00008597

Description: Caenorhabditis elegans with name atg-3(bp412) IV; him-5(e1490) V. from WB.

Species: Caenorhabditis elegans

Synonyms: atg-3(bp412) IV; him-5(e1490) V.

Notes: Him; ~30% male.|"WBStrain mapped, WBPaper00059578 added based on AFP_Strain data."

Affected Gene: WBGene00001864(him-5)|WBGene00021922(atg-3)

Genomic Alteration: WBGene00001864(him-5), WBGene00021922(atg-3)

Catalog Number: WB-STRAIN:WBStrain00008597

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32302543](#), [PMID:37432924](#), [PMID:39746999](#)

Alternate IDs: WB-STRAIN:HZ1684, CGC_HZ1684

Organism Name: HZ1684

Record Creation Time: 20230227T013324+0000

Record Last Update: 20260815T162459+0000

Ratings and Alerts

No rating or validation information has been found for HZ1684.

No alerts have been found for HZ1684.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kalugotla G, et al. (2025) ATG-3 limits Orsay virus infection in *C. elegans* through regulation of collagen pathways. bioRxiv : the preprint server for biology.

Donato A, et al. (2025) OSP-1 protects neurons from autophagic cell death induced by acute oxidative stress. Nature communications, 16(1), 300.

Lin L, et al. (2013) The scaffold protein EPG-7 links cargo-receptor complexes with the autophagic assembly machinery. The Journal of cell biology, 201(1), 113.