

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

## PS5970

RRID:WB-STRAIN:WBStrain00030969

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00030969

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00030969>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00030969

**Description:** Caenorhabditis elegans with name him-5(e1490) syls197 V. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** him-5(e1490) syls197 V.

**Notes:** syls197 [hs::LIN-3c(cDNA) + myo-2p::dsRed + pha-1(+)]. Him. Maintain at 15C. To induce LIN-3/EGF expression, heat shock at 33C for 30min (water bath) and let animals recover at least 1hr from the behavioral effects of the heat shock. Heat shock-induced LIN-3 should inhibit feeding, locomotion and sensory responses for several hours. For details on EGF-induced quiescence, see Nature Neuroscience 10, 1300 - 1307 (2007). PS5970 is identical to PS5628 as described in Development 137, 2065-2074 (2010) except that it has been outcrossed to remove accumulating suppressors.|"syls197 [hs::LIN-3c(cDNA) + myo-2p::DsRed + pha-1(+)]. Him. Maintain at 15C. To induce LIN-3/EGF expression, heat shock at 33C for 30min (water bath) and let animals recover at least 1hr from the behavioral effects of the heat shock. Heat shock-induced LIN-3 should inhibit feeding, locomotion and sensory responses for several hours. For details on EGF-induced quiescence, see Nature Neuroscience 10, 1300 - 1307 (2007). PS5970 is identical to PS5628 as described in Development 137, 2065-2074 (2010) except that it has been outcrossed to remove accumulating suppressors."

**Affected Gene:** WBGene00001864(him-5)

**Genomic Alteration:** WBGene00001864(him-5)

**Catalog Number:** WB-STRAIN:WBStrain00030969

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:39738055](#)

**Alternate IDs:** WB-STRAIN:PS5970, CGC\_PS5970

**Organism Name:** PS5970

**Record Creation Time:** 20230227T013612+0000

**Record Last Update:** 20260905T115228+0000

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## Ratings and Alerts

No rating or validation information has been found for PS5970.

No alerts have been found for PS5970.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Coto C, et al. (2024) The tyrosine kinase inhibitor Gefitinib reduces C. elegans stress-induced sleep, but not likely via LET-23/EGFR inhibition. microPublication biology, 2024.