

Resource Summary Report

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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: 20260815T163128+0000

Ratings and Alerts

No rating or validation information has been found for PS5970.

No alerts have been found for PS5970.

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 [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.