

Resource Summary Report

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[glh-1\(sam140\[glh-1::T2A::wormScarlet\(1-10\)\]\) I; fib-1\(mu498\[wormScarlet11::fib-1\]\) V.](#)

RRID:WB-STRAIN:WBStrain00051606

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051606>

Proper Citation: RRID:WB-STRAIN:WBStrain00051606

Description: Caenorhabditis elegans with name glh-1(sam140[glh-1::T2A::wormScarlet(1-10)]) I; fib-1(mu498[wormScarlet11::fib-1]) V. from WB.

Species: Caenorhabditis elegans

Synonyms: glh-1(sam140[glh-1::T2A::wormScarlet(1-10)]) I; fib-1(mu498[wormScarlet11::fib-1]) V.

Notes: fib-1(mu498[wormScarlet11::fib-1]) generated via CRISPR/Cas9 insertion into parental strain DUP237; transgene contains a linker between wormScarlet11 and fib-1. Endogenous fib-1 detectable in the germline. T2A::wormScarlet(1-10) fused to the C-terminus of endogenous GLH-1. The T2A self-cleaving peptide separates wormScarlet(1-10) from GLH-1 post-translationally so that wormScarlet(1-10) disperses throughout germ cell nuclei and cytoplasm. wormScarlet(1-10) is also maternally loaded into embryos, where it persists through early and mid-embryonic development. Reference: Goudeau J, et al. bioRxiv 2020.07.02.185249; doi: <https://doi.org/10.1101/2020.07.02.185249>

Affected Gene: WBGene00001423(fib-1)|WBGene00001598(glh-1)

Genomic Alteration: WBGene00001423(fib-1), WBGene00001598(glh-1)

Catalog Number: WB-STRAIN:WBStrain00051606

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: glh-1(sam140[glh-1::T2A::wormScarlet(1-10)]) I; fib-1(mu498[wrmScarlet11::fib-1]) V.

Record Creation Time: 20230227T013848+0000

Record Last Update: 20260905T115712+0000

Ratings and Alerts

No rating or validation information has been found for glh-1(sam140[glh-1::T2A::wormScarlet(1-10)]) I; fib-1(mu498[wrmScarlet11::fib-1]) V..

No alerts have been found for glh-1(sam140[glh-1::T2A::wormScarlet(1-10)]) I; fib-1(mu498[wrmScarlet11::fib-1]) V..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.