

Resource Summary Report

Generated by ASWG on Aug 17, 2026

nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) V.

RRID:WB-STRAIN:WBStrain00051867

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051867

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051867>

Proper Citation: RRID:WB-STRAIN:WBStrain00051867

Description: Caenorhabditis elegans with name nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) V. from WB.

Species: Caenorhabditis elegans

Synonyms: nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) V.

Notes: Made_by: Kaiden Power|mNeonGreen tag inserted into endogenous nekl-4 locus by CRISPR/Cas9 engineering. Very faint mNeonGreen expression in the dendrites, soma, and axons of all ciliated neurons. Reference: Power KM, et al. PLoS Genet. 2020 Oct 16;16(10):e1009052. PMID: 33064774"

Affected Gene: WBGene00001864(him-5)|WBGene00017033(nekl-4)

Genomic Alteration: WBGene00001864(him-5), WBGene00017033(nekl-4)

Catalog Number: WB-STRAIN:WBStrain00051867

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) V.

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260815T163751+0000

Ratings and Alerts

No rating or validation information has been found for nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) V..

No alerts have been found for nekl-4(my51[nekl-4::mNeonGreen]) III; him-5(e1490) 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.