

Resource Summary Report

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LP172

RRID:WB-STRAIN:WBStrain00024209

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00024209

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00024209>

Proper Citation: RRID:WB-STRAIN:WBStrain00024209

Description: Caenorhabditis elegans with name hmr-1(cp21[hmr-1::GFP + LoxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: hmr-1(cp21[hmr-1::GFP + LoxP]) I.

Notes: cp21[hmr-1::GFP + LoxP] I. GFP inserted at the C terminus of endogenous hmr-1 gene by Cas9-triggered homologous recombination. Floxed unc-119 selection cassette was subsequently removed by Cre/Lox recombination leaving a LoxP scar after the 3'UTR. GFP expression in early embryos, larvae, and adults. Reference: Marston DJ, et al. Curr Biol. 2016 26:2079-2089.

Affected Gene: WBGene00001980(hmr-1)

Genomic Alteration: WBGene00001980(hmr-1)

Catalog Number: WB-STRAIN:WBStrain00024209

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37552986](#), [PMID:38964319](#)

Alternate IDs: WB-STRAIN:LP172, CGC_LP172

Organism Name: LP172

Record Creation Time: 20230227T013521+0000

Record Last Update: 20260815T162930+0000

Ratings and Alerts

No rating or validation information has been found for LP172.

No alerts have been found for LP172.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Irizarry-Barreto P, et al. (2025) The C. elegans WASH complex supports epithelial polarity by promoting endosomal sorting of Cadherin. bioRxiv : the preprint server for biology.

Das A, et al. (2024) C.??elegans touch receptor neurons direct mechanosensory complex organization via repurposing conserved basal lamina proteins. Current biology : CB, 34(14), 3133.