

Resource Summary Report

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CGC72

RRID:WB-STRAIN:WBStrain00005002

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005002

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005002>

Proper Citation: RRID:WB-STRAIN:WBStrain00005002

Description: Caenorhabditis elegans with name npr-23(umn5[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: npr-23(umn5[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

Notes: Homozygous viable. Deletion of 280 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: AAGGCGTCATCTGGAGAGAAGAACGAAGtg ; Right flanking sequence: CGGACACTTGTGCTTCACCAACTTGATCGC. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Homozygous viable. Deletion of 280 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking Sequence: AAGGCGTCATCTGGAGAGAAGAACGAAGtg ; Right flanking sequence: CGGACACTTGTGCTTCACCAACTTGATCGC. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Made_by: RG KO Group"|"Superficially wild-type. CRISPR/Cas9 deletion of npr-23. myo-2p::GFP + NeoR cassette is still present but may be excised using LoxP sites. Left flanking sequence: cccctgcctctggctcccacaaggcgtcatctggagagaagaacgaagtg Right flanking sequence: CGGACACTTGTGCTTCACCAACTTGATCGCGTTGCTCGTATTGGTGCCGG"

Affected Gene: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00021328(npr-23)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00021328(npr-23)

Catalog Number: WB-STRAIN:WBStrain00005002

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CGC72, CGC_CGC72

Organism Name: CGC72

Record Creation Time: 20230227T013256+0000

Record Last Update: 20260808T170805+0000

Ratings and Alerts

No rating or validation information has been found for CGC72.

No alerts have been found for CGC72.

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 [nidm-terms](#) .

Pamplona FA, et al. (2022) Age-linked suppression of lipoxin A4 associates with cognitive deficits in mice and humans. Translational psychiatry, 12(1), 439.

Bl??mer N, et al. (2013) 5-Lipoxygenase facilitates healing after myocardial infarction. Basic research in cardiology, 108(4), 367.