

Resource Summary Report

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nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24.

RRID:WB-STRAIN:WBStrain00050744

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00050744

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00050744>

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Description: Caenorhabditis elegans with name nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24. from WB.

Species: Caenorhabditis elegans

Synonyms: nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24.

Notes: lucIs24 [mir-52p::mirtron-51 + elt-2::dsRed + myo-2::mCherry]. Pick GFP+ animals to maintain balanced line. Balanced mir-51 family mutant expressing a mirtron-version of mir-51. Heterozygotes are wild-type with pharyngeal GFP signal, and segregate wild-type GFP, arrested nT1[qls51] aneuploids, and non-GFP mir-51 family homozygous mutants. Pick wild-type GFP+ and check for correct segregation of progeny to maintain. Non-GFP mir-51 family homozygous mutants rescued by mirtron-51 transgene are viable, but slow-growing and sick. Strain is derived from injection into parental strain MT17143. lucIs24 is a spontaneous integrant originating from a complex extra-chromosomal array, the genomic location of the transgene is unknown. Reference: Dexheimer, PJ, et al. Curr Biol. 2020. in press. ["Made_by: Philipp Dexheimer"]

Affected Gene: WBGene00003280(mir-52)

Genomic Alteration: WBGene00003280(mir-52)

Catalog Number: WB-STRAIN:WBStrain00050744

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24.

Record Creation Time: 20230227T013842+0000

Record Last Update: 20260808T171829+0000

Ratings and Alerts

No rating or validation information has been found for nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24..

No alerts have been found for nDf67 mir-52(n4100) IV/nT1 [qls51] (IV;V); nDf58 X, lucIs24..

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.