

Resource Summary Report

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MT14728

RRID:WB-STRAIN:WBStrain00027480

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027480

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027480>

Proper Citation: RRID:WB-STRAIN:WBStrain00027480

Description: *Caenorhabditis elegans* with name mfap-1(n4564 n5214) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: *Caenorhabditis elegans*

Synonyms: mfap-1(n4564 n5214) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested hT2 aneuploids, and non-GFP mfap-1 homozygotes. Pick WT GFP and check for correct segregation of progeny to maintain. mfap-1(n4564 n5214) mutants exhibit temperature-sensitive lethality: at 15C, (n4564 n5214) homozygous animals grow and behave similarly to wild-type; at 20C mutant animals grow more slowly, have few progeny and are hyperactive; at 25C the mutant strain is embryonically lethal. qIs48 is an insertion of ccEx9747 (carries myo-2::GFP, pes-10::GFP, and a gut enhancer fused to GFP) onto the hT2 chromosome and is homozygous lethal. Reference: Ma L, et al. PLoS Genet. 2012;8(7):e1002827.|"Segregates WT green-glowing heterozygotes and non-glowing mfap-1 homozygotes. mfap-1(n4564 n5214) mutants exhibit temperature-sensitive lethality: at 15C, (n4564 n5214) homozygous animals grow and behave similarly to wild-type; at 20C mutant animals grow more slowly, have few progeny and are hyperactive; at 25C the mutant strain is embryonically lethal. qIs48 is an insertion of ccEx9747 (carries myo-2::GFP, pes-10::GFP, and a gut enhancer fused to GFP) onto the hT2 chromosome and is homozygous lethal. Reference: Ma L, et al. PLoS Genet. 2012;8(7):e1002827."

Affected Gene: WBGene00000254(bli-4)|WBGene00009671(mfap-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00009671(mfap-1)

Catalog Number: WB-STRAIN:WBStrain00027480

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:MT14728, CGC_MT14728

Organism Name: MT14728

Record Creation Time: 20230227T013546+0000

Record Last Update: 20260725T172206+0000

Ratings and Alerts

No rating or validation information has been found for MT14728.

No alerts have been found for MT14728.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ma L, et al. (2012) The *Caenorhabditis elegans* gene *mfap-1* encodes a nuclear protein that affects alternative splicing. *PLoS genetics*, 8(7), e1002827.