

Resource Summary Report

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[npp-10\(sy2071\) III/hT2 \[bli-4\(e937\) let-?\(q782\) qIs48\] \(I;III\).](#)

RRID:WB-STRAIN:WBStrain00055401

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055401

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055401>

Proper Citation: RRID:WB-STRAIN:WBStrain00055401

Description: Caenorhabditis elegans with name npp-10(sy2071) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: npp-10(sy2071) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Homozygous sterile CRISPR null mutant balanced by bli-4- and GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP+, arrested hT2 aneuploids, and non-GFP sy2071 homozygotes (L2 or early arrested sterile). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP+ and check for correct segregation of progeny to maintain. CRISPR/Cas9 engineered STOP-IN null mutant of npp-10. Universal 43bp-long knock-in insertion with 3-frame stop codon (STOP-IN cassette). Left flanking sequence: CAATCAAACAAAGGATTGTTTGGTCAGCCAGCC. Right flanking sequence: AATAACAGTGGAAGTACTGGCCTTTTCGGGGCGGC. Inserted sequence between the two-flanking sequence (STOP-IN cassette): GGGAAGTTTGTCCAGAGCAGAGGTGACTAAGTGATAAgctagc. sgRNA: GTAGTTCCACTGTTATTGGC. Method Reference: Wang H, et al. G3 (Bethesda). 2018 Nov 6;8(11):3607-3616.|"Made_by: Heenam Park"

Affected Gene: WBGene00000254(bli-4)|WBGene00003796(npp-10)

Genomic Alteration: WBGene00000254(bli-4), WBGene00003796(npp-10)

Catalog Number: WB-STRAIN:WBStrain00055401

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: npp-10(sy2071) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Record Creation Time: 20240716T202610+0000

Record Last Update: 20260912T182142+0000

Ratings and Alerts

No rating or validation information has been found for npp-10(sy2071) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III)..

No alerts have been found for npp-10(sy2071) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III)..

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.