

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

[hsp-60 \(hd7146 \[loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP\]\)/sC1\(s2023\) \[dpy-1\(s2170\) umnIs41\] III.](#)

RRID:WB-STRAIN:WBStrain00063321

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063321

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063321>

Proper Citation: RRID:WB-STRAIN:WBStrain00063321

Description: Caenorhabditis elegans with name hsp-60 (hd7146 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] III. from WB.

Species: Caenorhabditis elegans

Synonyms: hsp-60 (hd7146 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] III.

Notes: Made_by: VH KO group|"Pick viable fertile GFP+ and mKate2+ animals to maintain. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ non-mKate2 (hd7146 homozygotes), Dpy non-GFP mKate2+ sC1 homozygotes. Derived from parental strains VH7146 and CGC51. hd7146 is a 4918 bp deletion with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking Sequence: ATTTATTCCTGTATTTTTCAGTCATTACCT; Right flanking sequence: GCAATTTTGTATGATTTTTCATCAATTT. sgRNA #1: TGCATTATCGTCTGGGAAGC; sgRNA #2: AGAAAACCGATAAAATCTGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00001063(dpy-1)|WBGene00002025(hsp-60)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001063(dpy-1), WBGene00002025(hsp-60), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00063321

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: hsp-60 (hd7146 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] III.

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260815T164105+0000

Ratings and Alerts

No rating or validation information has been found for hsp-60 (hd7146 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] III..

No alerts have been found for hsp-60 (hd7146 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] 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.