

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[gna-1\(hd7001\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\) V.](#)

RRID:WB-STRAIN:WBStrain00055601

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055601

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055601>

Proper Citation: RRID:WB-STRAIN:WBStrain00055601

Description: Caenorhabditis elegans with name gna-1(hd7001[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V. from WB.

Species: Caenorhabditis elegans

Synonyms: gna-1(hd7001[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Notes: Deletion of 439 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: AATTAACGTGTGAAATTTAGAAGCGCTGAG; Right flanking sequence: AGGAATGTGTGGAGCTAACACAGACGCATC. sgRNA #1: TCATAAAATTGCAATCGTCC; sgRNA #2: AAATTGTCAGGAAGATTCTGA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: VH KO group"

Affected Gene: WBGene00001646(gna-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001646(gna-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00055601

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: gna-1(hd7001[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Record Creation Time: 20240716T202611+0000

Record Last Update: 20260815T163848+0000

Ratings and Alerts

No rating or validation information has been found for gna-1(hd7001[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V..

No alerts have been found for gna-1(hd7001[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V..

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.