

Resource Summary Report

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

ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV.

RRID:WB-STRAIN:WBStrain00055625

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055625

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055625>

Proper Citation: RRID:WB-STRAIN:WBStrain00055625

Description: Caenorhabditis elegans with name ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV.

Notes: Homozygous viable. Deletion of 2049 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: AGGAGTTAGGTTATCAATATGACGACGCCC; Right flanking sequence: TGGAAATTGAAGAAATTGCTGCTCCAGGAG. sgRNA #1: CTCATCAAACGTCTACGGCT; sgRNA #2: CGCAGTGCTCAAGGATGACG. 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: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006701(ubc-1)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006701(ubc-1), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00055625

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260815T163848+0000

Ratings and Alerts

No rating or validation information has been found for ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV..

No alerts have been found for ubc-1(hd7046[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV..

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.