

# Resource Summary Report

Generated by [NIF](#) on Aug 29, 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:** 20260829T162902+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.