

Resource Summary Report

Generated by [kravitz2](#) on Sep 22, 2026

hln1 [umnIs78 unc-54(h1040)]/+ I.

RRID:WB-STRAIN:WBStrain00062977

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062977

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062977>

Proper Citation: RRID:WB-STRAIN:WBStrain00062977

Description: Caenorhabditis elegans with name hln1 [umnIs78 unc-54(h1040)]/+ I. from WB.

Species: Caenorhabditis elegans

Synonyms: hln1 [umnIs78 unc-54(h1040)]/+ I.

Notes: Made_by: Yvan Doctorovich|"umnIs78 [myo-2p::mKate2 + NeoR, I: 12541645 (intergenic)] I. Heterozygous strain. Crossover suppressor for LGI right. Inversion includes unc-75 and unc-54(h1040). Heterozygotes are wild-type (not paralyzed) with dim mKate2 expression in pharynx, and segregate heterozygotes (not paralyzed, dim mKate2), homozygous wild-type (not paralyzed, no mKate2), and hln1 homozygotes (paralyzed, bright mKate2). Pick non-paralyzed, dim mKate2 worms and check for correct segregation of progeny to maintain. Maintain at 20C or higher: recombined balancer seems more prone to breaking down at low temperatures. Derived by crossing parental strain CGC105 (hln1[umnIs78]) to RG3173 (Y40B1B.7(ve673[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1[unc-54(h1040)]) and selecting for the recombined hln1 worms."

Affected Gene: WBGene00006789(unc-54)

Genomic Alteration: WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00062977

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: hln1 [umnIs78 unc-54(h1040)]/+ I.

Record Creation Time: 20250827T213351+0000

Record Last Update: 20260919T181438+0000

Ratings and Alerts

No rating or validation information has been found for hln1 [umnIs78 unc-54(h1040)]/+ I..

No alerts have been found for hln1 [umnIs78 unc-54(h1040)]/+ I..

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.