

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

MH2051

RRID:WB-STRAIN:WBStrain00026524

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026524

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026524>

Proper Citation: RRID:WB-STRAIN:WBStrain00026524

Description: Caenorhabditis elegans with name kuls55. from WB.

Species: Caenorhabditis elegans

Synonyms: kuls55.

Notes: kuls55 [lon-3::GFP + unc-119(+)]. Rollers. The kuls55 lon-3::GFP transgene does not rescue the Lon phenotype of lon-3 mutants, but instead causes an adult Rol (Roller) phenotype both in lon-3 mutants and in wild-type backgrounds. Reference: Suzuki Y, et al. 2002. Genetics 162: 1631-1639. ["Mutagen:Gamma Rays"]

Affected Gene: WBGene00003057(lon-3)

Genomic Alteration: WBGene00003057(lon-3)

Catalog Number: WB-STRAIN:WBStrain00026524

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38177158](#)

Alternate IDs: WB-STRAIN:MH2051, CGC_MH2051

Organism Name: MH2051

Record Creation Time: 20230227T013538+0000

Record Last Update: 20260815T163013+0000

Ratings and Alerts

No rating or validation information has been found for MH2051.

No alerts have been found for MH2051.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Teuscher AC, et al. (2024) Longevity interventions modulate mechanotransduction and extracellular matrix homeostasis in *C. elegans*. Nature communications, 15(1), 276.