

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

LD1

RRID:WB-STRAIN:WBStrain00024125

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00024125

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00024125>

Proper Citation: RRID:WB-STRAIN:WBStrain00024125

Description: Caenorhabditis elegans with name lds7[skn-1::gfp] from WB.

Species: Caenorhabditis elegans

Synonyms: lds7[skn-1::gfp]

Notes: lds7 [skn-1b/c::GFP + rol-6(su1006)]. Rollers. Reference: An JH and Blackwell TK. Genes Dev. 2003 Aug 1;17(15):1882-93."Made_by: J. An"|"Mutagen:UV/TMP"|"Reference WBPaper00057259 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype [skn-1b/c::GFP + rol-6(su1006) II.]|"Supplementary_genotype [skn-1b/c::GFP + rol-6(su1006)]|"WBStrain provided so WBPaper00061852 paper added based on AFP_Strain data."

Affected Gene: WBGene00004804(skn-1)

Genomic Alteration: WBGene00004804(skn-1)

Catalog Number: WB-STRAIN:WBStrain00024125

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31432005](#), [PMID:32535316](#), [PMID:33809299](#), [PMID:34449775](#), [PMID:34634043](#), [PMID:37416472](#), [PMID:37704756](#), [PMID:37726773](#), [PMID:38632209](#), [PMID:38799567](#), [PMID:38754743](#), [PMID:39273603](#)

Alternate IDs: WB-STRAIN:LD1, CGC_LD1

Organism Name: LD1

Record Creation Time: 20230227T013520+0000

Record Last Update: 20260905T115055+0000

Ratings and Alerts

No rating or validation information has been found for LD1.

No alerts have been found for LD1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

El Din RH, et al. (2024) Quinic acid protects against the development of Huntington's disease in *Caenorhabditis elegans* model. *BMC complementary medicine and therapies*, 24(1), 377.

Li W, et al. (2024) Low-dose naltrexone extends healthspan and lifespan in *C.??elegans* via SKN-1 activation. *iScience*, 27(6), 109949.

Lee JD, et al. (2024) Sodium Benzoate Induces Fat Accumulation and Reduces Lifespan via the SKN-1/Nrf2 Signaling Pathway: Evidence from the *Caenorhabditis elegans* Model. *Nutrients*, 16(21).

Huang Y, et al. (2024) Research on the anti-oxidant and anti-aging effects of *Polygonatum kingianum* saponins in *Caenorhabditis elegans*. *Heliyon*, 10(15), e35556.