

Resource Summary Report

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

CB7272

RRID:WB-STRAIN:WBStrain00004752

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004752

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004752>

Proper Citation: RRID:WB-STRAIN:WBStrain00004752

Description: Caenorhabditis elegans with name ccls4251 I; mls12 II; dpy-17(e164) III; frIs7 IV; uls69 V. from WB.

Species: Caenorhabditis elegans

Synonyms: ccls4251 I; mls12 II; dpy-17(e164) III; frIs7 IV; uls69 V.

Notes: ccls4251 [(pSAK2) myo-3p::GFP::LacZ::NLS + (pSAK4) myo-3p::mitochondrial GFP + dpy-20(+)] I. mls12 [myo-2p::GFP + pes-10p::GFP + F22B7.9p::GFP] II. frIs7 [nlp-29p::GFP + col-12p::DsRed] IV. uls69 [pCFJ90(myo-2p::mCherry) + unc-119p::sid-1] V. Mapping strain. This strain is homozygous for integrated fluorescence markers on LG I, II, IV and V, all of which are easily and independently scored using a fluorescent dissecting microscope, plus an easily scored visible marker (dpy-17) for LGIII. The good markers on all five autosomes facilitate linkage assignment of unmapped mutations, and enable rapid replacement of chromosomes when outcrossing heavily mutagenized strains such as those from the Million Mutation Project.

Affected Gene: WBGene00001076(dpy-17)

Genomic Alteration: WBGene00001076(dpy-17)

Catalog Number: WB-STRAIN:WBStrain00004752

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:39612872](#)

Alternate IDs: WB-STRAIN:CB7272, CGC_CB7272

Organism Name: CB7272

Record Creation Time: 20230227T013254+0000

Record Last Update: 20260919T180031+0000

Ratings and Alerts

No rating or validation information has been found for CB7272.

No alerts have been found for CB7272.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhang J, et al. (2025) Phytochemical-rich *Eucommia ulmoides* leaf extract extends healthspan in *Caenorhabditis elegans* via the pmk-1/p38 MAPK pathway and mitochondrial homeostasis. *Frontiers in nutrition*, 12, 1680518.

Yang Y, et al. (2014) Extracellular matrix regulates UNC-6 (netrin) axon guidance by controlling the direction of intracellular UNC-40 (DCC) outgrowth activity. *PloS one*, 9(5), e97258.

Tan RZ, et al. (2013) Deconvolving the roles of Wnt ligands and receptors in sensing and amplification. *Molecular systems biology*, 9, 631.