

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 22, 2026

CB5584

RRID:WB-STRAIN:WBStrain00004651

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004651>

Proper Citation: RRID:WB-STRAIN:WBStrain00004651

Description: Caenorhabditis elegans with name mls12 II. from WB.

Species: Caenorhabditis elegans

Synonyms: mls12 II.

Notes: mls12 [myo-2p::GFP + pes-10p::GFP + F22B7.9p::GFP] II. Hermaphrodites expressing compound GFP reporter (see PD4790). Strong pharyngeal muscle expression, easily scored by GFP dissecting scope. mls12 is tightly linked to unc-4 II, and not to LG III or IV as previously reported. mls12 homozygous males mate well (ME3).

Affected Gene: WBGene00003514(myo-2)|WBGene00003983(pes-10)|WBGene00017698(F22B7.9)

Genomic Alteration: WBGene00003514(myo-2), WBGene00003983(pes-10), WBGene00017698(F22B7.9)

Catalog Number: WB-STRAIN:WBStrain00004651

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37548405](#)

Alternate IDs: WB-STRAIN:CB5584, CGC_CB5584

Organism Name: CB5584

Record Creation Time: 20230227T013254+0000

Record Last Update: 20260815T162339+0000

Ratings and Alerts

No rating or validation information has been found for CB5584.

No alerts have been found for CB5584.

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 [SPARC SAWG](#) .

Yamaya K, et al. (2023) Disparate roles for C. elegans DNA translocase paralogs RAD-54.L and RAD-54.B in meiotic prophase germ cells. Nucleic acids research, 51(17), 9183.