

Resource Summary Report

Generated by [kravitz2](#) on Aug 18, 2026

AML70

RRID:WB-STRAIN:WBStrain00000194

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000194

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000194>

Proper Citation: RRID:WB-STRAIN:WBStrain00000194

Description: Caenorhabditis elegans with name lite-1(ce314) X; wtfls5. from WB.

Species: Caenorhabditis elegans

Synonyms: lite-1(ce314) X; wtfls5.

Notes: wtfls5 [rab-3p::NLS::GCaMP6s + rab-3p::NLS::tagRFP]. Integrated calcium indicator GCaMP6s and calcium-insensitive fluorescent protein RFP in the nuclei of all neurons in a lite-1(ce314) background. Reference (wtfls5): Nguyen JP, et al. PLoS Comput Biol. 2017 May 18;13(5):e1005517.|"wtfls5 [rab-3p::NLS::GCaMP6s + rab-3p::NLS::tagRFP]. Integrated calcium indicator GCaMP6s and calcium-insensitive fluorescent protein RFP in the nuclei of all neurons in a lite-1(ce314) mutant background. Derived from parental strain AML14 by integration of wtfEx4. Reference: Gauthey W, et al. Curr Biol. 2024 Jan 8;34(1):R14-R15. doi: 10.1016/j.cub.2023.10.043. PMID: 38194919."

Affected Gene: WBGene00001803(lite-1)

Genomic Alteration: WBGene00001803(lite-1)

Catalog Number: WB-STRAIN:WBStrain00000194

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33625357](#), [PMID:38194919](#)

Alternate IDs: WB-STRAIN:AML70, CGC_AML70

Organism Name: AML70

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260815T162230+0000

Ratings and Alerts

No rating or validation information has been found for AML70.

No alerts have been found for AML70.

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.