

Resource Summary Report

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MAH235

RRID:WB-STRAIN:WBStrain00026453

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026453

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026453>

Proper Citation: RRID:WB-STRAIN:WBStrain00026453

Description: Caenorhabditis elegans with name sqls19. from WB.

Species: Caenorhabditis elegans

Synonyms: sqls19.

Notes: Mutagen:Gamma ray|"Mutagen:Gamma Ray"|"sqls19 [hlh-30p::hlh-30::GFP + rol-6(su1006)]. Rollers. Slightly longer lived at 20C. hlh-30::GFP expression should be visible at relatively low magnification. Derived from JIN1679. Reference: Lapierre LR, et. al. Nat Commun. 2013 Aug 8;4:2267."|"sqls19 [hlh-30p::hlh-30::GFP + rol-6(su1006)]. Rollers. Slightly longer lived at 20C. hlh-30::GFP expression should be visible at relatively low magnification. [NOTE: the array does not segregate 100% in original stock; pick GFP+ and check for correct segregation to maintain the array. New stock received at CGC June, 2016.] Reference: Lapierre LR, et. al. Nat Commun. 2013 Aug 8;4:2267."|"Supplementary_genotype sqls19 [hlh-30p::hlh-30::GFP + rol-6(su1006)]|"WBStrain mapped, WBPaper00059578 added based on AFP_Strain data."

Affected Gene: WBGene00004397(rol-6)

Genomic Alteration: WBGene00004397(rol-6)

Catalog Number: WB-STRAIN:WBStrain00026453

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32302543](#), [PMID:33589500](#), [PMID:37957360](#), [PMID:38261662](#)

Alternate IDs: WB-STRAIN:MAH235, CGC_MAH235

Organism Name: MAH235

Record Creation Time: 20230227T013538+0000

Record Last Update: 20260829T161953+0000

Ratings and Alerts

No rating or validation information has been found for MAH235.

No alerts have been found for MAH235.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

van der Rijt S, et al. (2025) Targeting phospholipase PLAG-15 promotes healthy aging in *C. elegans* via lysosomal-related genes. *iScience*, 28(7), 112880.

VanDerMolen KR, et al. (2025) Non-cell-autonomous regulation of mTORC2 by Hedgehog signaling maintains lipid homeostasis. *Cell reports*, 44(1), 115191.

Hsieh HC, et al. (2024) PRMT-7/PRMT7 activates HLH-30/TFEB to guard plasma membrane integrity compromised by bacterial pore-forming toxins. *Autophagy*, 20(6), 1335.

Chamoli M, et al. (2023) A drug-like molecule engages nuclear hormone receptor DAF-12/FXR to regulate mitophagy and extend lifespan. *Nature aging*, 3(12), 1529.

Ghaddar A, et al. (2023) Increased alcohol dehydrogenase 1 activity promotes longevity. *Current biology : CB*, 33(6), 1036.

Zhang X, et al. (2023) A gonadal gap junction INX-14/Notch GLP-1 signaling axis suppresses gut defense through an intestinal lysosome pathway. *Frontiers in immunology*, 14, 1249436.