

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

MAH215

RRID:WB-STRAIN:WBStrain00026452

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026452

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026452>

Proper Citation: RRID:WB-STRAIN:WBStrain00026452

Description: Caenorhabditis elegans with name sqIs11[lgg-1p::mCherry::GFP::lgg-1 + rol-6] from WB.

Species: Caenorhabditis elegans

Synonyms: sqIs11[lgg-1p::mCherry::GFP::lgg-1 + rol-6]

Notes: sqIs11 [lgg-1p::mCherry::GFP::lgg-1 + rol-6]. Rollers. Tandem-tagged autophagy reporter strain."WBStrain mapped, WBPaper00059596 added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00026452

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32306217](#), [PMID:32410036](#), [PMID:37708127](#), [PMID:38510643](#), [PMID:38869949](#), [PMID:38963038](#), [PMID:39117797](#), [PMID:39418305](#)

Alternate IDs: WB-STRAIN:MAH215, CGC_MAH215

Organism Name: MAH215

Record Creation Time: 20230227T013538+0000

Record Last Update: 20260815T163012+0000

Ratings and Alerts

No rating or validation information has been found for MAH215.

No alerts have been found for MAH215.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Jha S, et al. (2025) Impairment of proteasome-associated deubiquitinating enzyme Uchl5/UBH-4 affects autophagy. *Biology open*, 14(2).

Hofer SJ, et al. (2024) Spermidine is essential for fasting-mediated autophagy and longevity. *Nature cell biology*, 26(9), 1571.

Taylor SKB, et al. (2024) The neurotrophic factor MANF regulates autophagy and lysosome function to promote proteostasis in *Caenorhabditis elegans*. *Proceedings of the National Academy of Sciences of the United States of America*, 121(43), e2403906121.

Li H, et al. (2024) Dimethylsulfoniopropionate (DMSP) Increases Longevity and Mitochondrial Function in *Caenorhabditis elegans*: Implications for the Role of the Global Sulfur Cycle in Terrestrial Ecosystems. *Environment & health (Washington, D.C.)*, 2(8), 572.

Franco-Romero A, et al. (2024) C16ORF70/MYTHO promotes healthy aging in *C.elegans* and prevents cellular senescence in mammals. *The Journal of clinical investigation*, 134(15).

Cornell R, et al. (2024) Neuro-intestinal acetylcholine signalling regulates the mitochondrial stress response in *Caenorhabditis elegans*. *Nature communications*, 15(1), 6594.

Vérièpe-Salerno J, et al. (2023) MALT-1 shortens lifespan by inhibiting autophagy in the intestine of *C. elegans*. *Autophagy reports*, 2(1), 2277584.