

Resource Summary Report

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TQ1101

RRID:WB-STRAIN:WBStrain00034935

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034935>

Proper Citation: RRID:WB-STRAIN:WBStrain00034935

Description: Caenorhabditis elegans with name lite-1(xu7) X. from WB.

Species: Caenorhabditis elegans

Synonyms: lite-1(xu7) X.

Notes: Defective phototaxis (light avoidance). To identify lite-1(xu7) homozygotes, place day 1 adults on a freshly seeded NGM plate with a thin lawn of OP50. Deliver 2 second pulses of short wavelength light (UV, purple, blue) from an arc lamp to the head of a worm that is slowly moving forward through a 5-10x objective lens in conjunction with a room lens under a fluorescent dissection scope. Manually move the plate so only the anterior of the worm appears in the field of view. Wild-type worms respond by initiating reversals while homozygous mutants do not. Maintain under normal conditions. Reference: Liu J, et al (2010) Nature Neurosci 13:715-22.

Affected Gene: WBGene00001803(lite-1)

Genomic Alteration: WBGene00001803(lite-1)

Catalog Number: WB-STRAIN:WBStrain00034935

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:TQ1101, CGC_TQ1101

Organism Name: TQ1101

Record Creation Time: 20230227T013643+0000

Record Last Update: 20260815T163246+0000

Ratings and Alerts

No rating or validation information has been found for TQ1101.

No alerts have been found for TQ1101.

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.