

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

dct-1(luc194) X.

RRID:WB-STRAIN:WBStrain00051773

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051773

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051773>

Proper Citation: RRID:WB-STRAIN:WBStrain00051773

Description: Caenorhabditis elegans with name dct-1(luc194) X. from WB.

Species: Caenorhabditis elegans

Synonyms: dct-1(luc194) X.

Notes: CRISPR/Cas9-engineered deletion removes the entire dct-1 coding sequence. Homozygote mutant animals are viable and have normal morphology. Outer left sequence: gtttcagagacgggtctttcctaaca Outer right sequence: ttccaaacaaaaatttaacgttcgactta sgRNA1: ACAGCAGACGGAGCAGTCAT sgRNA2: GTACAGTGAAATGAGGTAAG Reference: Gutierrez-Prez, P. et al. A deeply conserved miR-1 dependent regulon supports muscle cell physiology. bioRxiv, 2020, doi.org/10.1101/2020.08.31.275644.|"CRISPR/Cas9-engineered deletion removes the entire dct-t coding sequence. Homozygote mutant animals are viable and have normal morphology. Outer left sequence: gtttcagagacgggtctttcctaaca Outer right sequence: ttccaaacaaaaatttaacgttcgactta sgRNA1: ACAGCAGACGGAGCAGTCAT sgRNA2: GTACAGTGAAATGAGGTAAG Reference: Gutierrez-Prez, P. et al. A deeply conserved miR-1 dependent regulon supports muscle cell physiology. bioRxiv, 2020, doi.org/10.1101/2020.08.31.275644."|"Made_by: Paula Gutierrez-Prez"

Affected Gene: WBGene00015776(dct-1)

Genomic Alteration: WBGene00015776(dct-1)

Catalog Number: WB-STRAIN:WBStrain00051773

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: dct-1(luc194) X.

Record Creation Time: 20230227T013849+0000

Record Last Update: 20260725T172738+0000

Ratings and Alerts

No rating or validation information has been found for dct-1(luc194) X..

No alerts have been found for dct-1(luc194) X..

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.