

Resource Summary Report

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HMZ245

RRID:WB-STRAIN:WBStrain00008439

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008439>

Proper Citation: RRID:WB-STRAIN:WBStrain00008439

Description: Caenorhabditis elegans with name ccar-1(sda11) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: ccar-1(sda11) IV.

Notes: Superficially wild-type except for a slightly shorter body length in adults. Crispr/Cas9 was used to create a 13 bp deletion in exon7 of ccar-1a; breakpoints: CTGATTCGGGAG/sda11/ATCGGAAGTTTC. sda11 is an isoform-specific deletion allele. It only affects the function of CCAR-1A and CCAR-1D, but not CCAR-1B and C. In addition, because CCAR-1D is not expressed in embryos, this allele can be used to specifically inactivate CCAR-1A (the full-length isoform that is the most similar to human CCAR1) during embryogenesis. Reference: Fu R, et al. J Cell Sci. 2018 May 10.

Affected Gene: WBGene00003085(ccar-1)

Genomic Alteration: WBGene00003085(ccar-1)

Catalog Number: WB-STRAIN:WBStrain00008439

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:HMZ245, CGC_HMZ245

Organism Name: HMZ245

Record Creation Time: 20230227T013322+0000

Record Last Update: 20260801T171236+0000

Ratings and Alerts

No rating or validation information has been found for HMZ245.

No alerts have been found for HMZ245.

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.