

Resource Summary Report

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HA3299

RRID:WB-STRAIN:WBStrain00008304

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00008304

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008304>

Proper Citation: RRID:WB-STRAIN:WBStrain00008304

Description: Caenorhabditis elegans with name sod-1(rt451[sod-1(G85R C)]) II. from WB.

Species: Caenorhabditis elegans

Synonyms: sod-1(rt451[sod-1(G85R C)]) II.

Notes: Made_by: Saba Baskoylu|"Superficially wild-type with increased sensitivity to paraquat in multiple assays. Can be maintained 15-25C. rt451 is CRISPR/Cas9 engineered G85R missense mutation in endogenous sod-1 locus mimicking human ALS SOD1 model. Reference: Baskoylu SN, et al. PLoS Genet. 2018;14(10):e1007682. NOTE: A micropublication on these strains (PMID: 33474528) incorrectly described sod-1(rt448) as the G85R mutant version and sod-1(rt449) as the control. Additionally, the strains list in the paper also incorrectly describes rt449 as sod-1 [G85RC]. The correct descriptions are that rt448 is the wild-type control, rt449 is the sod-1 [G93AC] mutant version, and rt451 is the sod-1 [G85RC] mutant version."|"[250107 skd] genotype updated as sod-1(rt451[sod-1G85RC]) II. was sod-1(rt451[sod-1G85R]) II."

Affected Gene: WBGene00004930(sod-1)

Genomic Alteration: WBGene00004930(sod-1)

Catalog Number: WB-STRAIN:WBStrain00008304

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:40226510](#)

Alternate IDs: WB-STRAIN:HA3299, CGC_HA3299

Organism Name: HA3299

Record Creation Time: 20230227T013321+0000

Record Last Update: 20260801T171233+0000

Ratings and Alerts

No rating or validation information has been found for HA3299.

No alerts have been found for HA3299.

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.