

Resource Summary Report

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vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV.

RRID:WB-STRAIN:WBStrain00052067

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00052067

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00052067>

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Description: Caenorhabditis elegans with name vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV.

Notes: vbals56 [eef-1A.1p::VenusN::nrde-3] I. vbals55 [eef-1A.1p::VenusC::nrde-3] II. Maintain at 20C or cooler; germline mortal (Mrt) at 25C. N-terminal and C-terminal fragments of the fluorescent protein Venus are fused to NRDE-3 to facilitate trimolecular fluorescence complementation. In the cytoplasm or nucleus, local concentration of NRDE-3 molecules does not allow fluorescence complementation, thus reducing background fluorescence; once bound on the target transcript, VenusN::NRDE-3 and VenusC::NRDE-3 are in sufficient proximity to allow for fluorescence complementation, labeling transcription sites of dsRNA gene targets. Superficially wild-type. Reference: Toudji-Zouaz A, et al. Nucleic Acids Research. 2021 Jun 9;gkab469. doi: 10.1093/nar/gkab469. PMID: 34107044.

Affected Gene: WBGene00001332(eri-1)|WBGene00011333(nrde-2)

Genomic Alteration: WBGene00001332(eri-1), WBGene00011333(nrde-2)

Catalog Number: WB-STRAIN:WBStrain00052067

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV.

Record Creation Time: 20230227T013851+0000

Record Last Update: 20260725T172740+0000

Ratings and Alerts

No rating or validation information has been found for vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV..

No alerts have been found for vbals56 I; nrde-2(gg95) vbals55 II; eri-1(mg366) IV..

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.