

Resource Summary Report

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SSM291

RRID:WB-STRAIN:WBStrain00034466

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034466

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034466>

Proper Citation: RRID:WB-STRAIN:WBStrain00034466

Description: Caenorhabditis elegans with name ubc-9(iow31[3xFLAG::ubc-9]) IV/nT1[qIs51] (IV;V) from WB.

Species: Caenorhabditis elegans

Synonyms: ubc-9(iow31[3xFLAG::ubc-9]) IV/nT1[qIs51] (IV;V)

Notes: Heterozygotes are wild type with pharyngeal-expressed GFP, and segregate wild type GFP+ heterozygotes, arrested nT1[qIs51] homozygotes, and viable non-GFP ubc-9(iow31[3xFLAG::ubc-9]) homozygotes. ubc-9(iow31[3xFLAG::ubc-9]) homozygotes produce 100% dead embryos, but cytologically they have normal germline (examined by DAPI and RAD-51 staining), suggesting that 3xFLAG::ubc-9 is functional in the gonad but not in the non-maternally rescued embryo. Maintain the strain by picking GFP+ worms. 3XFLAG has added by CRISPR/Cas9. Synonymous point mutation where included in the repair template (positions 30, 33 and 36 of coding sequence). Reference: Reichman R, et al. Genetics. 2018 Apr;208(4):1421-1441.|"Made_by: Rachel Reichman"| "No longer available from the CGC"

Affected Gene: WBGene00006706(ubc-9)

Genomic Alteration: WBGene00006706(ubc-9)

Catalog Number: WB-STRAIN:WBStrain00034466

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:SSM291, CGC_SSM291

Organism Name: SSM291

Record Creation Time: 20230227T013639+0000

Record Last Update: 20260808T171448+0000

Ratings and Alerts

No rating or validation information has been found for SSM291.

No alerts have been found for SSM291.

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.