

Resource Summary Report

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VT1142

RRID:WB-STRAIN:WBStrain00040228

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040228

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040228>

Proper Citation: RRID:WB-STRAIN:WBStrain00040228

Description: Caenorhabditis elegans with name nDf51 V; mir-84(n4037) X; ctIs39. from WB.

Species: Caenorhabditis elegans

Synonyms: nDf51 V; mir-84(n4037) X; ctIs39.

Notes: ctIs39 [hbl-1::GFP + rol-6(su1006)]. Rollers and GFP+. Retarded heterochronic phenotype, reiteration of L2-stage program resulting in extra seam cells by the L3 stage and incomplete alae formation. >75% of animals explode at the vulva at the L4 molt. ctIs39 [hbl-1::GFP]: integrated reporter codes for 133 amino acids of HBL-1 followed by GFP, and contains 1.4 kb of hbl-1 3' UTR plus an NLS. hbl-1::GFP is elevated in the hypodermal syncytium at the L3 stage. nDf51 deletion deletes 5930 bp of cosmid F56A12 from 3520 to 9451, starting 1762 bp upstream of mir-241, covering mir-241 and lin-58. lin-58 is at 5908-5885 and mir-241 is at 7681-7661. nDf51: 5' of deletion: TGAAAGAAGCAGTTGAAAGCTTGCAGCCGACGAAAAGTAGTGTAGCG. 3' of deletion: CTCACAATATTTTCATTTGAATATCGCGTTGAATTTGTAAGTGT. n4037 deletion is between 2891 and 3682 of clone B0395. mir-84 is at 3351-3330 in B0395."ctIs39 [hbl-1::GFP + rol-6(su1006)]. Rollers and GFP+. Retarded heterochronic phenotype, reiteration of L2-stage program resulting in extra seam cells by the L3 stage and incomplete alae formation. >75% of animals explode at the vulva at the L4 molt. ctIs39 [hbl-1::GFP]: integrated reporter codes for 133 amino acids of HBL-1 followed by GFP, and contains 1.4 kb of hbl-1 3' UTR plus an NLS. hbl-1::GFP is elevated in the hypodermal syncytium at the L3 stage. nDf51 is a 5930 bp deletion starting 1762 bp upstream of mir-241, removing mir-241, mir-48, and F56A12.6 (snoRNA)."

Affected Gene: WBGene00003312(mir-84)|WBGene00003335(mir-241)

Genomic Alteration: WBGene00003312(mir-84), WBGene00003335(mir-241)

Catalog Number: WB-STRAIN:WBStrain00040228

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VT1142, CGC_VT1142

Organism Name: VT1142

Record Creation Time: 20230227T013723+0000

Record Last Update: 20260815T163415+0000

Ratings and Alerts

No rating or validation information has been found for VT1142.

No alerts have been found for VT1142.

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.