

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

wls51 V; hbl-1(ma354) X.

RRID:WB-STRAIN:WBStrain00047697

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047697>

Proper Citation: RRID:WB-STRAIN:WBStrain00047697

Description: Caenorhabditis elegans with name wls51 V; hbl-1(ma354) X. from WB.

Species: Caenorhabditis elegans

Synonyms: wls51 V; hbl-1(ma354) X.

Notes: wls51 [SCMp::GFP + unc-119(+)] V. GFP expression in seam cells. Gain-of-function allele causing retarded heterochronic defects including extra seam cells and absence of alae in young adult animals. ms354 is a 1120 bp deletion removing most of the hbl-1 3'UTR including all let-7-complementary sites. Sequences flanking the deletion: TTCTAATCATGGCCAGTTTCTTGCA and GTGCGTTCTTCTGTTCATCATGTACA. Reference: Ilbay O & Ambros A. Development. 2019 Oct 9. pii: dev.183111. doi: 10.1242/dev.183111.

Affected Gene: WBGene00001824(hbl-1)

Genomic Alteration: WBGene00001824(hbl-1)

Catalog Number: WB-STRAIN:WBStrain00047697

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: wls51 V; hbl-1(ma354) X.

Record Creation Time: 20230227T013819+0000

Record Last Update: 20260919T181058+0000

Ratings and Alerts

No rating or validation information has been found for wls51 V; hbl-1(ma354) X..

No alerts have been found for wls51 V; hbl-1(ma354) X..

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.