

Resource Summary Report

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EM347

RRID:WB-STRAIN:WBStrain00007178

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007178

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007178>

Proper Citation: RRID:WB-STRAIN:WBStrain00007178

Description: Caenorhabditis elegans with name tlp-1(bx85) IV; him-5(e1490) V. from WB.

Species: Caenorhabditis elegans

Synonyms: tlp-1(bx85) IV; him-5(e1490) V.

Notes: Although hermaphrodites appear WT in other ways, there are some problems with T cell lineages (affecting the phasmids) and tail cell fusions. Variably Dyf. Male tail tip morphogenesis is also defective, resulting in blobby, leptoderan tails. Males are infertile due to an inability to properly copulate. tlp-1 encodes a nuclear protein with a single C2H2-type zinc finger domain and an N-terminal SPLALLA domain, similar to that of Sp1 transcription factors of vertebrates. The bx85 mutation involves a truncation of TLP-1 due to a frameshift caused by a 5-bp deletion.

Affected Gene: WBGene00001864(him-5)|WBGene00006580(tlp-1)

Genomic Alteration: WBGene00001864(him-5), WBGene00006580(tlp-1)

Catalog Number: WB-STRAIN:WBStrain00007178

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32078235](#)

Alternate IDs: WB-STRAIN:EM347, CGC_EM347

Organism Name: EM347

Record Creation Time: 20230227T013313+0000

Record Last Update: 20260725T171732+0000

Ratings and Alerts

No rating or validation information has been found for EM347.

No alerts have been found for EM347.

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.