

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 8, 2024

HT115(DE3)

RRID:WB-STRAIN:WBStrain00041080

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00041080

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00041080>

Proper Citation: RRID:WB-STRAIN:WBStrain00041080

Description: Escherichia coli with name F-, mcrA, mcrB, IN(rrnD-rrnE)1, rnc14::Tn10(DE3 lysogen: lavUV5 promoter -T7 polymerase) (IPTG-inducible T7 polymerase) (RNase III minus). This strain grows on LB or 2XYT plates. This strain is tetracycline resistant. Researchers using this strain should test for expression by transforming in one of the plasmids from the Fire Vector Kit (1999) (pLT76, e.g.) using standard CaCl₂ transformation techniques. Biosafety Level: BSL-1. from WB.

Species: Escherichia coli

Synonyms: F-, mcrA, mcrB, IN(rrnD-rrnE)1, rnc14::Tn10(DE3 lysogen: lavUV5 promoter -T7 polymerase) (IPTG-inducible T7 polymerase) (RNase III minus). This strain grows on LB or 2XYT plates. This strain is tetracycline resistant. Researchers using this strain should test for expression by transforming in one of the plasmids from the Fire Vector Kit (1999) (pLT76, e.g.) using standard CaCl₂ transformation techniques. Biosafety Level: BSL-1.

Notes: Bacteria. Genotype: F-, mcrA, mcrB, IN(rrnD-rrnE)1, rnc14::Tn10(DE3 lysogen: lacUV5 promoter -T7 polymerase) (IPTG-inducible T7 polymerase) (RNase III minus). This strain grows on LB or 2XYT plates. This strain is tetracycline resistant. Researchers using this strain should test for expression by transforming in one of the plasmids from the Fire Vector Kit (1999) (pLT76, e.g.) using standard CaCl₂ transformation techniques. Biosafety Level: BSL-1."Merged the Strain HT115 into here as it was a duplicate/incorrect addition."|"Non-elegans Strain"|"WBStrain provided so WBPaper00060161 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060223 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060797 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061698 paper added based on

AFP_Strain data."|"WBStrain provided so WBPaper00061805 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061894 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00062059 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00062146 paper added based on AFP_Strain data."

Affected Gene: EMPTY

Genomic Alteration: EMPTY

Catalog Number: WB-STRAIN:WBStrain00041080

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References:

WBPaper00005863(PMID:12709403)WBPaper00010377(PMID:EMPTY)WBPaper00010782(PMID:EM

Organism Name: HT115(DE3)

Ratings and Alerts

No rating or validation information has been found for HT115(DE3).

No alerts have been found for HT115(DE3).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Qin S, et al. (2022) Early-life vitamin B12 orchestrates lipid peroxidation to ensure reproductive success via SBP-1/SREBP1 in *Caenorhabditis elegans*. *Cell reports*, 40(12), 111381.

Miró-Pina C, et al. (2022) *Paramecium* Polycomb repressive complex 2 physically interacts with the small RNA-binding PIWI protein to repress transposable elements. *Developmental*

cell, 57(8), 1037.

Wu C, et al. (2021) Tribbles pseudokinase NIP1-3 regulates intestinal immunity in *Caenorhabditis elegans* by controlling SKN-1/Nrf activity. *Cell reports*, 36(7), 109529.