

# Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

## WS1433

RRID:WB-STRAIN:WBStrain00040524

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00040524

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### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00040524>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00040524

**Description:** Caenorhabditis elegans with name hus-1(op241) I; unc-119(ed3) III; opIs34. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** hus-1(op241) I; unc-119(ed3) III; opIs34.

**Notes:** opIs34 [hus-1p::hus-1::GFP + unc-119(+)]. Low-copy integrated array of 1144 bp hus-1 promoter and genomic coding sequence fused to GFP. Nuclear expression of GFP in germ cells and embryos. Integrated GFP construct completely rescues DNA damage induced cell cycle arrest defect and partially rescues DNA damage induced apoptosis of hus-1(op241).["Reference WBPaper00058851 added based on published strain data identified by Textpresso literature search."]

**Affected Gene:** WBGene00002042(hus-1)|WBGene00006843(unc-119)

**Genomic Alteration:** WBGene00002042(hus-1), WBGene00006843(unc-119)

**Catalog Number:** WB-STRAIN:WBStrain00040524

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:31717869](#)

**Alternate IDs:** WB-STRAIN:WS1433, CGC\_WS1433

**Organism Name:** WS1433

**Record Creation Time:** 20230227T013725+0000

**Record Last Update:** 20260912T181826+0000

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## Ratings and Alerts

No rating or validation information has been found for WS1433.

No alerts have been found for WS1433.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Rautela U, et al. (2025) DAF-16/FOXO maintains genome integrity following genotoxic stress. bioRxiv : the preprint server for biology.