

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

RB1342

RRID:WB-STRAIN:WBStrain00032041

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032041

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032041>

Proper Citation: RRID:WB-STRAIN:WBStrain00032041

Description: Caenorhabditis elegans with name ogt-1h from WB.

Species: Caenorhabditis elegans

Synonyms: ogt-1h

Notes: K04G7.3 Homozygous. Outer Left Sequence: gccaaagaattgatttcgga. Outer Right Sequence: tgctcttgaccacaacctta. Inner Left Sequence: acctgtccgagaccattctg. Inner Right Sequence: ccaacgctattgtctctctc. Inner Primer PCR Length: 2730. Estimated Deletion Size: about 1300 bp.|"Made_by: OMRF Knockout Group"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|"WBStrain mapped, WBPaper00059970 added based on AFP_Strain data."

Affected Gene: WBGene00003858(ogt-1)

Genomic Alteration: WBGene00003858(ogt-1)

Catalog Number: WB-STRAIN:WBStrain00032041

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32628333](#), [PMID:37991448](#), [PMID:38488606](#)

Alternate IDs: WB-STRAIN:RB1342, CGC_RB1342

Organism Name: RB1342

Record Creation Time: 20230227T013620+0000

Record Last Update: 20260815T163148+0000

Ratings and Alerts

No rating or validation information has been found for RB1342.

No alerts have been found for RB1342.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Asif MZ, et al. (2024) Role of UDP-Glycosyltransferase (ugt) Genes in Detoxification and Glycosylation of 1-Hydroxyphenazine (1-HP) in *Caenorhabditis elegans*. Chemical research in toxicology, 37(4), 590.

Krause MW, et al. (2018) Nutrient-Driven O-GlcNAcylation at Promoters Impacts Genome-Wide RNA Pol II Distribution. Frontiers in endocrinology, 9, 521.