

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

## RB1365

RRID:WB-STRAIN:WBStrain00032064

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00032064

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00032064>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00032064

**Description:** Caenorhabditis elegans with name npr-16(ok1541) X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** npr-16(ok1541) X.

**Notes:** F56B6.5 Homozygous. Outer Left Sequence: acaaatcgcaattttccagc. Outer Right Sequence: acaagtcgcaaggtcacat. Inner Left Sequence: caaggtcttcacaatcggt. Inner Right Sequence: ttgatttctcatcgggagg. Inner Primer PCR Length: 3344. Estimated Deletion Size: about 1450 bp.|"Made\_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"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."

**Affected Gene:** WBGene00006864(npr-16)

**Genomic Alteration:** WBGene00006864(npr-16)

**Catalog Number:** WB-STRAIN:WBStrain00032064

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:38302462](#), [PMID:38446031](#)

**Alternate IDs:** WB-STRAIN:RB1365, CGC\_RB1365

**Organism Name:** RB1365

**Record Creation Time:** 20230227T013621+0000

**Record Last Update:** 20260808T171415+0000

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## Ratings and Alerts

No rating or validation information has been found for RB1365.

No alerts have been found for RB1365.

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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 4 mentions in open access literature.

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

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in *C. elegans*. *Nature communications*, 16(1), 1814.

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *eLife*, 12.

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *bioRxiv : the preprint server for biology*.

Hernandez-Craverro B, et al. (2022) Cannabinoids activate the insulin pathway to modulate mobilization of cholesterol in *C. elegans*. *PLoS genetics*, 18(11), e1010346.