

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

[RB557](#)

RRID:WB-STRAIN:WBStrain00031352

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031352

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031352>

Proper Citation: RRID:WB-STRAIN:WBStrain00031352

Description: Caenorhabditis elegans with name T28F4.2(ok289) I. from WB.

Species: Caenorhabditis elegans

Synonyms: T28F4.2(ok289) I.

Notes: Made_by: OMRF Knockout Group|Mutagen:UV/TMP|T28F4.2. Homozygous. Outer Left Sequence: GTGTGTGTGCAAAATGGAGG. Outer Right Sequence: ATAGTCCAAGCCACAAACCG. Inner Left Sequence: ATTGAAGGTTTCGCTTGTTGG. Inner Right Sequence: AGCTCGTAGCTGAGCGTTTC. Inner primer WT PCR product: 3219."|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: WBGene00012137(asic-2)

Genomic Alteration: WBGene00012137(asic-2)

Catalog Number: WB-STRAIN:WBStrain00031352

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37500635](#)

Alternate IDs: WB-STRAIN:RB557, CGC_RB557

Organism Name: RB557

Record Creation Time: 20230227T013615+0000

Record Last Update: 20260815T163135+0000

Ratings and Alerts

No rating or validation information has been found for RB557.

No alerts have been found for RB557.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhan X, et al. (2023) Locomotion modulates olfactory learning through proprioception in *C. elegans*. Nature communications, 14(1), 4534.