

Resource Summary Report

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

RB1679

RRID:WB-STRAIN:WBStrain00032372

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032372

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032372>

Proper Citation: RRID:WB-STRAIN:WBStrain00032372

Description: Caenorhabditis elegans with name cav-1(ok2089) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: cav-1(ok2089) IV.

Notes: Made_by: OMRF Knockout Group|T13F2.8 Homozygous. Outer Left Sequence: cacgaagtgaacgaagcaaaa. Outer Right Sequence: tccaacaagaccgggactac. Inner Left Sequence: ccatttcccatctgttaccg. Inner Right Sequence: tggatgaaagagcacacagc. Inner Primer PCR Length: 3302. Deletion Size: 2339 bp. Deletion left flank: AGAGTATCGTCCGTGAATCTTTAATCTAAA. Deletion right flank: ATTGTTGGAGTAAAAATCTAAAAATTTCGT. Deletion carries 626-bp insertion at break, corresponding to the reverse complement of T13F2 coordinates 8228-8854."|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: WBGene00000301(cav-1)

Genomic Alteration: WBGene00000301(cav-1)

Catalog Number: WB-STRAIN:WBStrain00032372

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38302462](#), [PMID:38378122](#)

Alternate IDs: WB-STRAIN:RB1679, CGC_RB1679

Organism Name: RB1679

Record Creation Time: 20230227T013623+0000

Record Last Update: 20260815T163154+0000

Ratings and Alerts

No rating or validation information has been found for RB1679.

No alerts have been found for RB1679.

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](#) .

Lobo T, et al. (2025) Sensory stimuli and cilium trafficking defects trigger the release of ciliary extracellular vesicles from multiple ciliary locations. bioRxiv : the preprint server for biology.

Imae R, et al. (2016) Endomembrane-associated RSD-3 is important for RNAi induced by extracellular silencing RNA in both somatic and germ cells of *Caenorhabditis elegans*. Scientific reports, 6, 28198.