

Resource Summary Report

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

RB1436

RRID:WB-STRAIN:WBStrain00032134

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032134

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032134>

Proper Citation: RRID:WB-STRAIN:WBStrain00032134

Description: Caenorhabditis elegans with name sulp-1(ok1639) I. from WB.

Species: Caenorhabditis elegans

Synonyms: sulp-1(ok1639) I.

Notes: C55B7.6. Homozygous. Outer Left Sequence: CACGTGGTACTGGCAGAAAA. Outer Right Sequence: CGGGTACACCAGCCAATAGT. Inner Left Sequence: AAACACGGAAGCTTGCCAAAC. Inner Right Sequence: CAAATGTCCGTTACACCTG. Inner Primer PCR Length: 2950 bp. Deletion Size: 1004 bp. Deletion left flank: ATTTTTTATTCCTCTACATGGGATGCGGTT. Deletion right flank: ACCCTTCTTCAGCAAAAATAATATTTTTTTT. Insertion Sequence: CCTCTACATGGGAT."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."

Affected Gene: WBGene00016945(sulp-1)

Genomic Alteration: WBGene00016945(sulp-1)

Catalog Number: WB-STRAIN:WBStrain00032134

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1436, CGC_RB1436

Organism Name: RB1436

Record Creation Time: 20230227T013621+0000

Record Last Update: 20260815T163150+0000

Ratings and Alerts

No rating or validation information has been found for RB1436.

No alerts have been found for RB1436.

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](#) .

Snoozy J, et al. (2025) XDH-1 inactivation causes xanthine stone formation in *C. elegans* which is inhibited by Sulp-4-mediated anion exchange in the excretory cell. bioRxiv : the preprint server for biology.