

Resource Summary Report

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VC1873

RRID:WB-STRAIN:WBStrain00036936

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036936

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036936>

Proper Citation: RRID:WB-STRAIN:WBStrain00036936

Description: Caenorhabditis elegans with name rad-51(ok2218) IV/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: rad-51(ok2218) IV/nT1 [qls51] (IV;V).

Notes: Made_by: Mikaela Partridge| "This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."| "Y43C5A.6. Homozygous sterile deletion chromosome balanced by GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested nT1[qls51] aneuploids, and non-GFP ok2218 homozygotes (sterile, lays eggs that don't hatch). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: TCTTACCTCATTCTTGGCCG. External right primer: GTTCCTATCGGTGCCTTTCA. Internal left primer: TGAATCCGTGAAAGTGTGGA. Internal right primer: AGGACTTGGCACGTGTCTCT. Internal WT amplicon: 2435 bp. Deletion size: 1634 bp. Deletion left flank: AACGAACGGCTAGTCCTCGCGTGCCTCCTC. Deletion right flank: TGATACTTTCAATTCAATTAATTGGATTTT."

Affected Gene: WBGene00004297(rad-51)

Genomic Alteration: WBGene00004297(rad-51)

Catalog Number: WB-STRAIN:WBStrain00036936

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1873, CGC_VC1873

Organism Name: VC1873

Record Creation Time: 20230227T013657+0000

Record Last Update: 20260815T163322+0000

Ratings and Alerts

No rating or validation information has been found for VC1873.

No alerts have been found for VC1873.

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 [ASWG](#) .

Oberlitner J, et al. (2025) Analysis of rad-51 separation of function allele suggests divergence of the synthesis-dependent strand annealing and double Holliday junction pathways prior to RAD-51 filament disassembly. Genetics, 230(2).