

Resource Summary Report

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RM2754

RRID:WB-STRAIN:WBStrain00033400

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033400

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033400>

Proper Citation: RRID:WB-STRAIN:WBStrain00033400

Description: Caenorhabditis elegans with name dnj-14(ok237) X. from WB.

Species: Caenorhabditis elegans

Synonyms: dnj-14(ok237) X.

Notes: Knock-out allele ok237 is a large (2229-bp) deletion. Coordinates: leftmost deleted base = 35441 of K02G10; rightmost deleted base = 296 of F55D10. ok237 eliminates almost all of K02G10.8 (dnj-14) and also the 5'-part of F55D10.3 (glit-1, encodes a homolog of gliotactin), as well as the presumed promoter regions between the 2 genes. In addition, F55D10.3 could be the first member of an operon, with F55D10.2 (aka rpl25.1, which encodes a ribosomal protein) as the second member of the operon. The deletion is likely to eliminate the expression of 2 or 3 genes, not just dnj-14.|"Made_by: OMRF Knockout Group"

Affected Gene: WBGene00001032(dnj-14)

Genomic Alteration: WBGene00001032(dnj-14)

Catalog Number: WB-STRAIN:WBStrain00033400

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RM2754, CGC_RM2754

Organism Name: RM2754

Record Creation Time: 20230227T013631+0000

Record Last Update: 20260829T162159+0000

Ratings and Alerts

No rating or validation information has been found for RM2754.

No alerts have been found for RM2754.

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 [dkNET](#) .

Kashyap SS, et al. (2014) Caenorhabditis elegans dnj-14, the orthologue of the DNAJC5 gene mutated in adult onset neuronal ceroid lipofuscinosis, provides a new platform for neuroprotective drug screening and identifies a SIR-2.1-independent action of resveratrol. Human molecular genetics, 23(22), 5916.