Resource Summary Report

Generated by dkNET on Jul 30, 2026

CB1112

RRID:WB-STRAIN:WBStrain00004246
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004246

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00004246

Proper Citation: RRID:WB-STRAIN:WBStrain00004246

Description: Caenorhabditis elegans with name cat-2(e1112) II. from WB.

Species: Caenorhabditis elegans

Synonyms: cat-2(e1112) II.

Notes: Associated protein: Putative tyrosine hydroxylase|"Catecholamine absent. Recessive. M-MATING+++ 10-30%WT. See also WBPaper00003844."|"Made_by: Sulston J"|"Supplementary_genotype cat-2(e1112)"|"WBStrain provided so WBPaper00061917 paper added based on AFP_Strain data."

Affected Gene: WBGene00000296(cat-2)

Genomic Alteration: WBGene00000296(cat-2)

Catalog Number: WB-STRAIN:WBStrain00004246

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:240872, PMID:31797327, PMID:34517863, PMID:36653384, PMID:37119137, PMID:37155851, PMID:37416472, PMID:37431892, PMID:37728328, PMID:38338915, PMID:39212733, PMID:39329779

Alternate IDs: WB-STRAIN:CB1112, CGC_CB1112

Organism Name: CB1112

Record Creation Time: 20230227T013251+0000

Record Last Update: 20260725T171650+0000

Ratings and Alerts

No rating or validation information has been found for CB1112.

No alerts have been found for CB1112.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Bhat US, et al. (2025) FLP-15 functions through the GPCR NPR-3 to regulate local and global search behaviours in Caenorhabditis elegans. bioRxiv : the preprint server for biology.

McMillen A, et al. (2025) Dopaminergic Modulation of Short-Term Associative Memory in Caenorhabditis elegans. Journal of neurochemistry, 169(8), e70200.

Clark AS, et al. (2024) Morphological hallmarks of dopaminergic neurodegeneration are associated with altered neuron function in Caenorhabditis elegans. Neurotoxicology, 100, 100.

Bastien BL, et al. (2024) nlr-1/CNTNAP regulates dopamine circuit structure and foraging behaviors in C. elegans. Communications biology, 7(1), 1248.

Fok A, et al. (2023) High-fidelity encoding of mechanostimuli by tactile food-sensing neurons requires an ensemble of ion channels. Cell reports, 42(5), 112452.

Yu J, et al. (2023) Parallel pathways for serotonin biosynthesis and metabolism in C. elegans. Nature chemical biology, 19(2), 141.

Schwartz EKC, et al. (2021) Serotonin and Dopamine Mimic Glucose-Induced Reinforcement in C. elegans: Potential Role of NSM Neurons and the Serotonin Subtype 4 Receptor. Frontiers in physiology, 12, 783359.