

Resource Summary Report

Generated by SPARC SAWG on Aug 23, 2026

CB1111

RRID:WB-STRAIN:WBStrain00004245

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004245

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004245>

Proper Citation: RRID:WB-STRAIN:WBStrain00004245

Description: Caenorhabditis elegans with name cat-1(e1111) X. from WB.

Species: Caenorhabditis elegans

Synonyms: cat-1(e1111) X.

Notes: Associated protein: Vesicular monoamine transporters|"Catecholamine abnormal. Recessive. M-MATING++ 1-10%WT. Previously called ctl-2."|"Made_by: Sulston J"

Affected Gene: WBGene00000295(cat-1)

Genomic Alteration: WBGene00000295(cat-1)

Catalog Number: WB-STRAIN:WBStrain00004245

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:240872](#), [PMID:37431892](#), [PMID:39212733](#)

Alternate IDs: WB-STRAIN:CB1111, CGC_CB1111

Organism Name: CB1111

Record Creation Time: 20230227T013251+0000

Record Last Update: 20260815T162331+0000

Ratings and Alerts

No rating or validation information has been found for CB1111.

No alerts have been found for CB1111.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Marvel-Coen J, et al. (2026) Immature *Caenorhabditis elegans* motor neurons control early embryo behavior via both synaptic and nonsynaptic GABA release. *Proceedings of the National Academy of Sciences of the United States of America*, 123(2), e2508541123.

Li G, et al. (2025) A gut-brain-gut axis orchestrates host responses counteracting microbiome-induced iron insufficiency. *The EMBO journal*, 44(24), 7590.

Ardiel EL, et al. (2022) Stereotyped behavioral maturation and rhythmic quiescence in *C. elegans* embryos. *eLife*, 11.

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.