

Resource Summary Report

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cat-2(cer181[cat-2p::GFP::H2B 1-3]) II.

RRID:WB-STRAIN:WBStrain00054678

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054678

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054678>

Proper Citation: RRID:WB-STRAIN:WBStrain00054678

Description: Caenorhabditis elegans with name cat-2(cer181[cat-2p::GFP::H2B 1-3]) II. from WB.

Species: Caenorhabditis elegans

Synonyms: cat-2(cer181[cat-2p::GFP::H2B 1-3]) II.

Notes: Abnormal locomotion can be rescued with dopamine. cat-2(cer181) is a complete deletion of the cat-2 gene (coding sequence + introns), which was substituted by the sequence of the step 1 repair for GFP::H2B (Nested CRISPR, Vicencio et al, Genetics 2019). Allele can be detected using the following primers: Fwd: ctatgtgaagtcacacctgtc Rev: cttgctggaagtgtacttggtg. Reference: Martnez-Fernndez C, et al. Dis Model Mech. 2022 Mar 1;15(3):dmm049161. doi: 10.1242/dmm.049161. PMID: 35107130|"Made_by: Carmen Martnez-Fernndez"

Affected Gene: WBGene00000296(cat-2)

Genomic Alteration: WBGene00000296(cat-2)

Catalog Number: WB-STRAIN:WBStrain00054678

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: cat-2(cer181[cat-2p::GFP::H2B 1-3]) II.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260829T162839+0000

Ratings and Alerts

No rating or validation information has been found for cat-2(cer181[cat-2p::GFP::H2B 1-3]) II..

No alerts have been found for cat-2(cer181[cat-2p::GFP::H2B 1-3]) II..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.