

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

Cbr-prg-1(how21) I.

RRID:WB-STRAIN:WBStrain00054631

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054631

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054631>

Proper Citation: RRID:WB-STRAIN:WBStrain00054631

Description: Caenorhabditis briggsae with name Cbr-prg-1(how21) I. from WB.

Species: Caenorhabditis briggsae

Synonyms: Cbr-prg-1(how21) I.

Notes: C. briggsae strain. Reduced fecundity at 20C and 25C. Generated by CRISPR/Cas9 in AF16 background, prg-1(how21) is a 5 bp deletion located 47 bp downstream of the start codon that causes frameshift. prg-1(how21) is presumed null; consistent with previous findings that the stability of piRNAs and Piwi protein are co-dependent in C. elegans, the overall abundance of 21 U-RNAs in Cbr-prg-1(how21) was reduced to ~1% of wild-type. Reference: Pastore B, et al. RNA Biol. 2022 Jan;19(1):1276-1292. doi: 10.1080/15476286.2022.2149170.["[2023-10-27T19:11:30.945Z WBPerson51134] New Strain: Caenorhabditis briggsae. From CGC strain data."

Affected Gene: WBGene00004178(prg-1)

Genomic Alteration: WBGene00004178(prg-1)

Catalog Number: WB-STRAIN:WBStrain00054631

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: Cbr-prg-1(how21) I.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260815T163832+0000

Ratings and Alerts

No rating or validation information has been found for Cbr-prg-1(how21) I..

No alerts have been found for Cbr-prg-1(how21) I..

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.