

Resource Summary Report

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

CH1878

RRID:WB-STRAIN:WBStrain00005039

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005039

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005039>

Proper Citation: RRID:WB-STRAIN:WBStrain00005039

Description: Caenorhabditis elegans with name dgn-2(ok209) dgn-3(tm1092) dgn-1(cg121) X; cgEx308. from WB.

Species: Caenorhabditis elegans

Synonyms: dgn-2(ok209) dgn-3(tm1092) dgn-1(cg121) X; cgEx308.

Notes: cgEx308 [pJK600/dgn-1(+) + pJK602/dng-1p::GFP + rol-6(su1066)]. Rollers. Pick rollers to maintain. Segregates sterile non-rollers (dgn-2 dgn-3 dgn-1 homozygotes) and fertile rollers (dgn-1 rescued). Rollers can be used to produce cg121/o; cgEx308 males that can mate. Triple mutants resemble dgn-1 single mutants; no overt phenotype caused by dgn-2 dgn-3 mutations.

Affected Gene: WBGene00000961(dgn-1)|WBGene00017221(dgn-3)|WBGene00018943(dgn-2)

Genomic Alteration: WBGene00000961(dgn-1), WBGene00017221(dgn-3), WBGene00018943(dgn-2)

Catalog Number: WB-STRAIN:WBStrain00005039

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38177158](#)

Alternate IDs: WB-STRAIN:CH1878, CGC_CH1878

Organism Name: CH1878

Record Creation Time: 20230227T013256+0000

Record Last Update: 20260815T162346+0000

Ratings and Alerts

No rating or validation information has been found for CH1878.

No alerts have been found for CH1878.

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 [SPARC SAWG](#) .

Teuscher AC, et al. (2024) Longevity interventions modulate mechanotransduction and extracellular matrix homeostasis in *C. elegans*. Nature communications, 15(1), 276.