

Resource Summary Report

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

JT603

RRID:WB-STRAIN:WBStrain00022804

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00022804

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00022804>

Proper Citation: RRID:WB-STRAIN:WBStrain00022804

Description: Caenorhabditis elegans with name gpb-2(sa603) I. from WB.

Species: Caenorhabditis elegans

Synonyms: gpb-2(sa603) I.

Notes: Made_by: Reiner/Knapp]"Recessive, loss of function, early stop mutation within the coding sequence makes sa603 a likely null allele. Variable locomotion ranging from lethargic to hyperactive. Eat (pale, scrawny). Loopy movement - increased amplitude of locomotory wave-form (variable). Suppresses the enteric muscle contraction (EMC) defect, the lethargy and egg-laying defects of unc-43(n498)."

Affected Gene: WBGene00001680(gpb-2)

Genomic Alteration: WBGene00001680(gpb-2)

Catalog Number: WB-STRAIN:WBStrain00022804

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37155851](#)

Alternate IDs: WB-STRAIN:JT603, CGC_JT603

Organism Name: JT603

Record Creation Time: 20230227T013510+0000

Record Last Update: 20260815T162904+0000

Ratings and Alerts

No rating or validation information has been found for JT603.

No alerts have been found for JT603.

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 [NIF](#) .

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.