

Resource Summary Report

Generated by [ASWG](#) on Aug 15, 2026

SS580

RRID:WB-STRAIN:WBStrain00034443

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034443

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034443>

Proper Citation: RRID:WB-STRAIN:WBStrain00034443

Description: Caenorhabditis elegans with name pgl-1(bn102) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: pgl-1(bn102) IV.

Notes: Temperature sensitive sterility. The sterility has both a maternal and a non-maternal component. Can be maintained indefinitely at low temperatures (16-23 C), with 7-19% sterile offspring. When low-temperature-grown homozygotes are allowed to produce progeny at 25C, the percentage of sterile offspring is 75-85%; at 26C the percentage of sterile offspring is 100%.

Affected Gene: WBGene00003992(pgl-1)

Genomic Alteration: WBGene00003992(pgl-1)

Catalog Number: WB-STRAIN:WBStrain00034443

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:9741628](#)

Alternate IDs: WB-STRAIN:SS580, CGC_SS580

Organism Name: SS580

Record Creation Time: 20230227T013638+0000

Record Last Update: 20260815T163237+0000

Ratings and Alerts

No rating or validation information has been found for SS580.

No alerts have been found for SS580.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bline AP, et al. (2025) A systems toxicology approach implicates post-transcriptional regulatory networks in reproductive defects from PFAS exposure. Toxicological sciences : an official journal of the Society of Toxicology, 208(1), 61.

Lall S, et al. (2005) Caenorhabditis elegans decapping proteins: localization and functional analysis of Dcp1, Dcp2, and DcpS during embryogenesis. Molecular biology of the cell, 16(12), 5880.