

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

## CB5602

RRID:WB-STRAIN:WBStrain00004655

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00004655

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00004655>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00004655

**Description:** Caenorhabditis elegans with name vhl-1(ok161) X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** vhl-1(ok161) X.

**Notes:** Made\_by: Barstead/Hodgkin|"Reference WBPaper00059003 added based on published strain data identified by Textpresso literature search."|"vhl-1 deletion. Constitutive HIF-1 in normoxia, slow growth and reduced brood size. See also WBPaper00005962."

**Affected Gene:** WBGene00006922(vhl-1)

**Genomic Alteration:** WBGene00006922(vhl-1)

**Catalog Number:** WB-STRAIN:WBStrain00004655

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:31835171](#)

**Alternate IDs:** WB-STRAIN:CB5602, CGC\_CB5602

**Organism Name:** CB5602

**Record Creation Time:** 20230227T013254+0000

## Ratings and Alerts

No rating or validation information has been found for CB5602.

No alerts have been found for CB5602.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

---

## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Jiang WI, et al. (2025) Suppressing APOE4-induced neural pathologies by targeting the VHL-HIF axis. *Proceedings of the National Academy of Sciences of the United States of America*, 122(5), e2417515122.

Warnhoff K, et al. (2024) Hypoxia-inducible factor induces cysteine dioxygenase and promotes cysteine homeostasis in *Caenorhabditis elegans*. *eLife*, 12.

Warnhoff K, et al. (2023) Hypoxia-inducible factor induces cysteine dioxygenase and promotes cysteine homeostasis in *Caenorhabditis elegans*. *bioRxiv : the preprint server for biology*.

Ganner A, et al. (2023) SCD5 Regulation by VHL Affects Cell Proliferation and Lipid Homeostasis in ccRCC. *Cells*, 12(6).