

Resource Summary Report

Generated by SPARC SAWG on Aug 22, 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 [SPARC SAWG](#) .

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).