

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

PR680

RRID:WB-STRAIN:WBStrain00030787

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030787

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030787>

Proper Citation: RRID:WB-STRAIN:WBStrain00030787

Description: Caenorhabditis elegans with name che-1(p680) I. from WB.

Species: Caenorhabditis elegans

Synonyms: che-1(p680) I.

Notes: Defective in chemotaxis to all attractants except pyridine and D-tryptophan. Thermotaxis okay.|"Made_by: Dusenbery D"|"WBStrain mapped, WBPaper00061436 added based on AFP_Strain data."

Affected Gene: WBGene00000483(che-1)

Genomic Alteration: WBGene00000483(che-1)

Catalog Number: WB-STRAIN:WBStrain00030787

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:730048](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:PR680, CGC_PR680

Organism Name: PR680

Record Creation Time: 20230227T013611+0000

Record Last Update: 20260912T181616+0000

Ratings and Alerts

No rating or validation information has been found for PR680.

No alerts have been found for PR680.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Brown VE, et al. (2025) The AWC OFF neuron is important for attraction to 1-butanol in *Caenorhabditis elegans*. *microPublication biology*, 2025.

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *eLife*, 12.

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *bioRxiv : the preprint server for biology*.