

Resource Summary Report

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

ZX460

RRID:WB-STRAIN:WBStrain00040913

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040913

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040913>

Proper Citation: RRID:WB-STRAIN:WBStrain00040913

Description: Caenorhabditis elegans with name zxIs6 V. from WB.

Species: Caenorhabditis elegans

Synonyms: zxIs6 V.

Notes: WBStrain provided so WBPaper00061245 paper added based on AFP_Strain data.|"WBStrain provided so WBPaper00061839 paper added based on AFP_Strain data."|"zxIs6 [unc-17p::Chr2(H134R)::YFP + lin-15(+)] V."

Catalog Number: WB-STRAIN:WBStrain00040913

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33570571](#), [PMID:33820857](#), [PMID:34429103](#)

Alternate IDs: WB-STRAIN:ZX460, CGC_ZX460

Organism Name: ZX460

Record Creation Time: 20230227T013728+0000

Record Last Update: 20260815T163428+0000

Ratings and Alerts

No rating or validation information has been found for ZX460.

No alerts have been found for ZX460.

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](#) .

Xiong A, et al. (2024) Presynaptic neurons self-tune by inversely coupling neurotransmitter release with the abundance of CaV2 voltage-gated Ca²⁺ channels. Proceedings of the National Academy of Sciences of the United States of America, 121(35), e2404969121.

Huang M, et al. (2023) Double mutation of open syntaxin and UNC-18 P334A leads to excitatory-inhibitory imbalance and impairs multiple aspects of C. elegans behavior. bioRxiv : the preprint server for biology.

Li L, et al. (2021) A novel dual Ca²⁺ sensor system regulates Ca²⁺-dependent neurotransmitter release. The Journal of cell biology, 220(4).