

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

XE1375

RRID:WB-STRAIN:WBStrain00040650

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040650

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040650>

Proper Citation: RRID:WB-STRAIN:WBStrain00040650

Description: Caenorhabditis elegans with name wpls36 I; wpSi1 II; eri-1(mg366) IV; rde-1(ne219) V; lin-15B(n744) X. from WB.

Species: Caenorhabditis elegans

Synonyms: wpls36 I; wpSi1 II; eri-1(mg366) IV; rde-1(ne219) V; lin-15B(n744) X.

Notes: Made_by: C. Firnhaber|"Mutagen:TMP+UV"|"Mutagen:TMP/UV"|"wpls36 [unc-47p::mCherry] I. wpSi1 [unc-47p::rde-1::SL2::sid-1 + Cbr-unc-119(+)] II. Maintain at 15-20C, sterile at 25C. GABAergic neuron-specific RNAi strain. Sensitivity to feeding RNAi is limited to the GABAergic neurons; all other tissues are resistant to RNAi. Superficially wild type with mCherry fluorescence in the GABA motor neurons. Reference: Firnhaber C & Hammarlund M. PLoS Genet. 2013 Nov;9(11):e1003921."

Affected Gene: WBGene00001332(eri-1)|WBGene00003004(lin-15)|WBGene00004323(rde-1)|WBGene00023497(lin-15B)

Genomic Alteration: WBGene00001332(eri-1), WBGene00003004(lin-15), WBGene00004323(rde-1), WBGene00023497(lin-15B)

Catalog Number: WB-STRAIN:WBStrain00040650

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38177330](#)

Alternate IDs: WB-STRAIN:XE1375, CGC_XE1375

Organism Name: XE1375

Record Creation Time: 20230227T013726+0000

Record Last Update: 20260912T181828+0000

Ratings and Alerts

No rating or validation information has been found for XE1375.

No alerts have been found for XE1375.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yang Y, et al. (2024) Autophagy protein ATG-16.2 and its WD40 domain mediate the beneficial effects of inhibiting early-acting autophagy genes in *C. elegans* neurons. *Nature aging*, 4(2), 198.