

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

bus-17(br2) X; mirEx123.

RRID:WB-STRAIN:WBStrain00062762

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062762

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062762>

Proper Citation: RRID:WB-STRAIN:WBStrain00062762

Description: Caenorhabditis elegans with name bus-17(br2) X; mirEx123. from WB.

Species: Caenorhabditis elegans

Synonyms: bus-17(br2) X; mirEx123.

Notes: mirEx123 [myo-3p::TeNL::unc-54 3' UTR]. Maintain strain by picking animals with blue fluorescence. bus-17(br2) has mutant defective response to short wavelength light; response strongly reduced but not eliminated. Altered surface properties; somewhat skiddy movement; drug-sensitive, bleach-sensitive. Resistant to some bacterial pathogens (hence Bus, Bah phenotypes) and hypersensitive to others. Calcium sensitive (Kd 250 nM) teal nanolanthern (TeNL) in muscles. Reference: Morales-Curiel LF, et al. Commun Biol. 2022 Dec 3;5(1):1330. doi: 10.1038/s42003-022-04292-x. PMID: 36463346.

Affected Gene: WBGene00044630(bus-17)

Genomic Alteration: WBGene00044630(bus-17)

Catalog Number: WB-STRAIN:WBStrain00062762

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: bus-17(br2) X; mirEx123.

Record Creation Time: 20250827T213348+0000

Record Last Update: 20260905T115945+0000

Ratings and Alerts

No rating or validation information has been found for bus-17(br2) X; mirEx123..

No alerts have been found for bus-17(br2) X; mirEx123..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.