

Resource Summary Report

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fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II.

RRID:WB-STRAIN:WBStrain00054967

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054967

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054967>

Proper Citation: RRID:WB-STRAIN:WBStrain00054967

Description: Caenorhabditis elegans with name fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II.

Notes: CRISPR/Cas9 engineered deletion of fzy-1 in which the fzy-1 coding sequence was replaced by LoxP. Homozygous lethal deletion chromosome balanced by GFP- and dpy-10-marked inversion. Heterozygotes are wild-type with relatively dim pharyngeal GFP signal, and segregate wild-type dim GFP (heterozygotes), Dpy bright GFP (mIn1 homozygotes), and non-GFP fzy-1 homozygotes (larval arrest). Pick wild-type with dim GFP and check for correct segregation of progeny to maintain. gRNA sequence: Ggacgcacgcccgtagtgc Reference: Kim T, et al. Genes Dev. 2017 Jun 1;31(11):1089-1094. doi: 10.1101/gad.302067.117. PMID: 28698300.

Affected Gene: WBGene00001072(dpy-10)|WBGene00001511(fzy-1)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00001511(fzy-1)

Catalog Number: WB-STRAIN:WBStrain00054967

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II.

Record Creation Time: 20240716T202606+0000

Record Last Update: 20260829T162846+0000

Ratings and Alerts

No rating or validation information has been found for fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II..

No alerts have been found for fzy-1(lt20::loxP)/mIn1[mls14 dpy-10(e128)] II..

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.