

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

affl-2(sy975) Y55B1BR.1(sy1220) III.

RRID:WB-STRAIN:WBStrain00050897

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00050897

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00050897>

Proper Citation: RRID:WB-STRAIN:WBStrain00050897

Description: Caenorhabditis elegans with name affl-2(sy975) Y55B1BR.1(sy1220) III. from WB.

Species: Caenorhabditis elegans

Synonyms: affl-2(sy975) Y55B1BR.1(sy1220) III.

Notes: Made_by: Heenam Park/Mandy Tan|"Superficially wild-type. CRISPR/Cas9 engineered STOP-IN null mutant of Y55B1BR.1 into sup-45 mutant (sy975);Universal 43bp-long knock-in insertion with 3-frame stop codon (STOP-IN cassette).Left flanking sequence: CCGTACCCGTAGAATGCTTGAAGAAATGGCCGGCCRight flanking sequence: TCGTGGGAACTAAACCATTGAGCCAGCTTCCTCGAAGInserted sequence between the two flanking sequence (STOP-In cassette):
GGGAAGTTTGTCCAGAGCAGAGGTGACTAAGTGATAAgctagc. sgRNA :
TGAAGAAATGGCCGGCCTCGMethod Reference: G3 (Bethesda). 2018 Nov 6;8(11):3607-3616|"Superficially wild-type. CRISPR/Cas9 engineered STOP-IN null mutant of Y55B1BR.1 into sup-45 mutant (sy975);Universal 43bp-long knock-in insertion with 3-frame stop codon (STOP-IN cassette).Left flanking sequence: CCGTACCCGTAGAATGCTTGAAGAAATGGCCGGCCRight flanking sequence: TCGTGGGAACTAAACCATTGAGCCAGCTTCCTCGAAGInserted sequence between the two flanking sequence (STOP-In cassette):
GGGAAGTTTGTCCAGAGCAGAGGTGACTAAGTGATAAgctagc. sgRNA :
TGAAGAAATGGCCGGCCTCGMethod Reference: G3 (Bethesda). 2018 Nov 6;8(11):3607-3616. affl-2 formerly known as sup-45."

Affected Gene: WBGene00021911(affl-1)|WBGene00021912(affl-2)

Genomic Alteration: WBGene00021911(affl-1), WBGene00021912(affl-2)

Catalog Number: WB-STRAIN:WBStrain00050897

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: affl-2(sy975) Y55B1BR.1(sy1220) III.

Record Creation Time: 20230227T013843+0000

Record Last Update: 20260808T171831+0000

Ratings and Alerts

No rating or validation information has been found for affl-2(sy975) Y55B1BR.1(sy1220) III..

No alerts have been found for affl-2(sy975) Y55B1BR.1(sy1220) III..

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.