

Resource Summary Report

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PQ535

RRID:WB-STRAIN:WBStrain00030776

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030776

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030776>

Proper Citation: RRID:WB-STRAIN:WBStrain00030776

Description: Caenorhabditis elegans with name alg-1(ap428 [alg-1::Y45F10D.4 3'UTR]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: alg-1(ap428 [alg-1::Y45F10D.4 3'UTR]) X.

Notes: alg-1(ap428 [alg-1::Y45F10D.4 3'UTR]) X. alg-1 control strain. ap428 is a CRISPR-engineered allele in which the endogenous alg-1 3'UTR was replaced by the Y45F10D.4 3'UTR. The Y45F10D.4 3'UTR was chosen because it appears to be stably expressed, is commonly used as a control gene in quantitative RT-PCR experiments, and its short 3UTR lacks ALG-1 binding sites. Reference: Aalto AP, et al. PLoS Genet. 2018 Jun 21;14(6):e1007379. ["Made_by: Antti Aalto"]

Affected Gene: WBGene00000105(alg-1)

Genomic Alteration: WBGene00000105(alg-1)

Catalog Number: WB-STRAIN:WBStrain00030776

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38594249](#)

Alternate IDs: WB-STRAIN:PQ535, CGC_PQ535

Organism Name: PQ535

Record Creation Time: 20230227T013611+0000

Record Last Update: 20260815T163125+0000

Ratings and Alerts

No rating or validation information has been found for PQ535.

No alerts have been found for PQ535.

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.