

# Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

## PQ535

RRID:WB-STRAIN:WBStrain00030776

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00030776

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### 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

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## Ratings and Alerts

No rating or validation information has been found for PQ535.

No alerts have been found for PQ535.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.