

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

pAD48-daf-2 RNAi

RRID:Addgene_34834

Type: Plasmid

Proper Citation

RRID:Addgene_34834

Plasmid Information

URL: <http://www.addgene.org/34834>

Proper Citation: RRID:Addgene_34834

Insert Name: daf-2

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12399591](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:2961; Vector Backbone:pBluescript; Vector Types:Bacterial Expression, RNAi; Bacterial Resistance:Ampicillin

Comments: Use HT115 bacteria for experiments--Grow O/N on LB supplemented with carbenicillin (100ug/ml) & tetracyclin (12.5ug/ml) and pick single colony for liquid culture.

Plasmid Name: pAD48-daf-2 RNAi

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260815T081403+0000

Ratings and Alerts

No rating or validation information has been found for pAD48-daf-2 RNAi.

No alerts have been found for pAD48-daf-2 RNAi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Franco-Romero A, et al. (2024) C16ORF70/MYTHO promotes healthy aging in C.elegans and prevents cellular senescence in mammals. The Journal of clinical investigation, 134(15).

Matilainen O, et al. (2021) Loss of muscleblind splicing factor shortens Caenorhabditis elegans lifespan by reducing the activity of p38 MAPK/PMK-1 and transcription factors ATF-7 and Nrf/SKN-1. Genetics, 219(2).

Park S, et al. (2021) Age-dependent upregulation of Y RNAs in Caenorhabditis elegans. microPublication biology, 2021.

Moll L, et al. (2018) The insulin/IGF signaling cascade modulates SUMOylation to regulate aging and proteostasis in Caenorhabditis elegans. eLife, 7.

Templeman NM, et al. (2018) Insulin Signaling Regulates Oocyte Quality Maintenance with Age via Cathepsin B Activity. Current biology : CB, 28(5), 753.

Narayan V, et al. (2016) Deep Proteome Analysis Identifies Age-Related Processes in C.??elegans. Cell systems, 3(2), 144.