

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

AP568-2

RRID:Addgene_70047

Type: Plasmid

Proper Citation

RRID:Addgene_70047

Plasmid Information

URL: <http://www.addgene.org/70047>

Proper Citation: RRID:Addgene_70047

Insert Name: sgRNA for dpy?10

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26187122](#)

Vector Backbone Description: Backbone Marker:Goldstein lab Plasmid 47549; Vector Backbone:pDD162; Vector Types:Worm Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: From the depositor: Each positive clones had been sequenced for correct insertion of the sgRNA . However the PCR could have created some mutation in the plasmid backbone (containing also the Cas9 gene) and we didnt sequenced the full plasmid, therefore we recommend to use a mix of several positive clones. It is why we provide several clones containing the same sgRNA insert.

Plasmid Name: AP568-2

Record Creation Time: 20220422T222433+0000

Record Last Update: 20260815T081857+0000

Ratings and Alerts

No rating or validation information has been found for AP568-2.

No alerts have been found for AP568-2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Brinkley DM, et al. (2024) Notch signaling without the APH-2/nicastrin subunit of gamma secretase in *Caenorhabditis elegans* germline stem cells. *Genetics*, 227(3).

Kalis AK, et al. (2022) Hox proteins interact to pattern neuronal subtypes in *Caenorhabditis elegans* males. *Genetics*, 220(4).

Cain NE, et al. (2018) Conserved SUN-KASH Interfaces Mediate LINC Complex-Dependent Nuclear Movement and Positioning. *Current biology : CB*, 28(19), 3086.