

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pEG345](#)

RRID:Addgene_40077

Type: Plasmid

Proper Citation

RRID:Addgene_40077

Plasmid Information

URL: <http://www.addgene.org/40077>

Proper Citation: RRID:Addgene_40077

Insert Name: Mex-5

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21925318](#)

Vector Backbone Description: Backbone Marker:Cheeseman lab; Backbone Size:16397; Vector Backbone:plC26; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: MEX-5 transgenes driven by the pie-1 promoter and pie-1 3'UTR were constructed by cloning the mex-5 cDNA as a SpeI fragment downstream of a Dendra2/TEV/S-peptide tag cloned into plC26 LAP tag (Cheeseman et al., 2004). Alternate plasmid name: plC26 + MEX-5 (Dendra + MEX-5 ORF)

Plasmid Name: pEG345

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260815T081433+0000

Ratings and Alerts

No rating or validation information has been found for pEG345.

No alerts have been found for pEG345.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Spike CA, et al. (2022) Ubiquitin ligases and a processive proteasome facilitate protein clearance during the oocyte-to-embryo transition in *Caenorhabditis elegans*. *Genetics*, 221(1).

Kiontke KC, et al. (2019) The Long Non-Coding RNA *lep-5* Promotes the Juvenile-to-Adult Transition by Destabilizing LIN-28. *Developmental cell*, 49(4), 542.