

# Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

## pcDNA3.1-LGC-53

RRID:Addgene\_86399

Type: Plasmid

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### Proper Citation

RRID:Addgene\_86399

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### Plasmid Information

**URL:** <http://www.addgene.org/86399>

**Proper Citation:** RRID:Addgene\_86399

**Insert Name:** LGC-53

**Organism:** Caenorhabditis elegans

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:25164674](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5357; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pcDNA3.1-LGC-53

**Relevant Mutation:** Codon optimized for mammalian expression; Signal sequence optimized to that of rat Gabra1. Amino acid changes R398A, R399A, R400A, R439A, R440A, R441A.

**Record Creation Time:** 20220422T222555+0000

**Record Last Update:** 20260815T082134+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-LGC-53.

No alerts have been found for pcDNA3.1-LGC-53.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.