

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pIS1 DICER1 long-mut-all

RRID:Addgene_21653

Type: Plasmid

Proper Citation

RRID:Addgene_21653

Plasmid Information

URL: <http://www.addgene.org/21653>

Proper Citation: RRID:Addgene_21653

Insert Name: Dicer 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19703394](#)

Vector Backbone Description: Backbone Marker:Available from Addgene (#12179); Backbone Size:4085; Vector Backbone:pIS1; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: Long means that all functional alternative polyadenylation signals have been deleted. Mut means that all microRNA binding sites for an indicated microRNA have been mutated.

Plasmid Name: pIS1 DICER1 long-mut-all

Relevant Mutation: Mutated let-7 and miR103/107 microRNA binding sites

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260725T074426+0000

Ratings and Alerts

No rating or validation information has been found for pIS1 DICER1 long-mut-all.

No alerts have been found for pIS1 DICER1 long-mut-all.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yang CH, et al. (2020) MicroRNA-Independent Modulation of DICER1 Expression by hAgo2. Molecular and cellular biology, 40(20).