

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pcDNA3.2/V5 mmu-mir-133a-1

RRID:Addgene_26326

Type: Plasmid

Proper Citation

RRID:Addgene_26326

Plasmid Information

URL: <http://www.addgene.org/26326>

Proper Citation: RRID:Addgene_26326

Insert Name: mmu-mir-133a-1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20413612](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7711; Vector Backbone:pcDNA3.2/V5-DEST; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: pre-miRNA hairpins and the surrounding regions were amplified from mouse BL6 genomic DNA using Pfu Polymerase and primers with Gateway (Invitrogen)-compatible ends designed to anneal about 100 nt upstream of and downstream from the miRNA hairpins. PCR products were inserted into Gateway vector pDONR221 and subsequently into pcDNA3.2/V5-DEST.

Plasmid Name: pcDNA3.2/V5 mmu-mir-133a-1

Record Creation Time: 20220422T222118+0000

Record Last Update: 20260801T081051+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.2/V5 mmu-mir-133a-1.

No alerts have been found for pcDNA3.2/V5 mmu-mir-133a-1.

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 [NIF](#) .

Mughal W, et al. (2018) Myocardin regulates mitochondrial calcium homeostasis and prevents permeability transition. Cell death and differentiation, 25(10), 1732.

Mughal W, et al. (2015) A conserved MADS-box phosphorylation motif regulates differentiation and mitochondrial function in skeletal, cardiac, and smooth muscle cells. Cell death & disease, 6(10), e1944.