

Resource Summary Report

Generated by [nidm-terms](#) on Aug 29, 2026

CMV-miR-31 sponge

RRID:Addgene_25025

Type: Plasmid

Proper Citation

RRID:Addgene_25025

Plasmid Information

URL: <http://www.addgene.org/25025>

Proper Citation: RRID:Addgene_25025

Insert Name: CMV-miR-31 sponge

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19524507](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5000; Vector Backbone:pcDNA5-CMV-d2eGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: miR-31 sponge generated by cloning oligonucleotides containing seven tandem “bulged” (at positions 9-12) miR-31 binding motifs (AGGCAAGACGAGGCATAGCT) into the XhoI and Apal sites of the CMV sponge backbone.

Plasmid Name: CMV-miR-31 sponge

Record Creation Time: 20220422T222111+0000

Record Last Update: 20260829T080235+0000

Ratings and Alerts

No rating or validation information has been found for CMV-miR-31 sponge.

No alerts have been found for CMV-miR-31 sponge.

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 [nidm-terms](#) .

Hughes DC, et al. (2018) Alterations in the muscle force transfer apparatus in aged rats during unloading and reloading: impact of microRNA-31. The Journal of physiology, 596(14), 2883.