

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

LSB-hsa-miR-421

RRID:Addgene_103516

Type: Plasmid

Proper Citation

RRID:Addgene_103516

Plasmid Information

URL: <http://www.addgene.org/103516>

Proper Citation: RRID:Addgene_103516

Insert Name: hsa-miR-421 target

Organism: Homo sapiens

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:29934631](#)

Vector Backbone Description: Vector Backbone:Low Sensor Backbone (LSB); Vector Types:Mammalian Expression, Synthetic Biology; Bacterial Resistance:Ampicillin and Kanamycin

Comments: Please note that this plasmid is inherently unstable due to a repeating poly A element. We recommend performing a diagnostic digest on multiple colonies upon receipt. The depositors would like to note the presence of several discrepancies between the depositor sequence and physical plasmid sequence. In particular, the sequences upstream and downstream of the puromycin coding region have 10 bp insertions which do not affect the ability to perform puromycin selection. The sequences for those regions within the physical plasmids are as follows: Upstream of Puro: GAATTCGACCGCCTGTCTCAAGGTGCCACC; Downstream of Puro: GCTTTGAGACTACGCGTGAATTCCTCCTC.

Plasmid Name: LSB-hsa-miR-421

Record Creation Time: 20220422T221501+0000

Record Last Update: 20260725T073358+0000

Ratings and Alerts

No rating or validation information has been found for LSB-hsa-miR-421.

No alerts have been found for LSB-hsa-miR-421.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.