

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

LSB-hsa-miR-454-5p

RRID:Addgene_103543

Type: Plasmid

Proper Citation

RRID:Addgene_103543

Plasmid Information

URL: <http://www.addgene.org/103543>

Proper Citation: RRID:Addgene_103543

Insert Name: hsa-miR-454-5p 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. Please contact help@addgene.org if you are interested in this plasmid prior to placing an order.

Plasmid Name: LSB-hsa-miR-454-5p

Record Creation Time: 20220422T221502+0000

Record Last Update: 20260808T080325+0000

Ratings and Alerts

No rating or validation information has been found for LSB-hsa-miR-454-5p.

No alerts have been found for LSB-hsa-miR-454-5p.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.