

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

pMIR-Report-Luc-KLF4-K5S-Mt344B

RRID:Addgene_34602

Type: Plasmid

Proper Citation

RRID:Addgene_34602

Plasmid Information

URL: <http://www.addgene.org/34602>

Proper Citation: RRID:Addgene_34602

Insert Name: KLF4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21518959](#)

Vector Backbone Description: Backbone Marker:Ambion; Backbone Size:6470; Vector Backbone:pMIR-Report-LUC; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: This is a translation reporter. PCR primers were used to introduce mutations at the microRNA seed binding region of the K5S translational control element. The final constructs was confirmed by sequence analysis.

Plasmid Name: pMIR-Report-Luc-KLF4-K5S-Mt344B

Relevant Mutation: The KLF4 K5S region was mutated at the miR-344 binding site: the seed binding region was mutated from CTGGATC to CTCGTTC.

Record Creation Time: 20220422T222147+0000

Record Last Update: 20260919T091721+0000

Ratings and Alerts

No rating or validation information has been found for pMIR-Report-Luc-KLF4-K5S-Mt344B.

No alerts have been found for pMIR-Report-Luc-KLF4-K5S-Mt344B.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.