

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pMIR-Report-Luc-KLF4-K5S-Mt344A

RRID:Addgene_34601

Type: Plasmid

Proper Citation

RRID:Addgene_34601

Plasmid Information

URL: <http://www.addgene.org/34601>

Proper Citation: RRID:Addgene_34601

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-Mt344A

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

Record Creation Time: 20220422T222147+0000

Record Last Update: 20260815T081353+0000

Ratings and Alerts

No rating or validation information has been found for pMIR-Report-Luc-KLF4-K5S-Mt344A.

No alerts have been found for pMIR-Report-Luc-KLF4-K5S-Mt344A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.