

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[lenti-sgRNA\(MS2\)_zeo_hCYP3A4_enhancer_guide1](#)

RRID:Addgene_176839

Type: Plasmid

Proper Citation

RRID:Addgene_176839

Plasmid Information

URL: <http://www.addgene.org/176839>

Proper Citation: RRID:Addgene_176839

Insert Name: Human CYP3A4 proximal enhancer sgRNA for activation

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35452598](#)

Vector Backbone Description: Vector Backbone:lenti-sgRNA(MS2)_zeo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2022.03.24.485641v1> for bioRxiv preprint.

Plasmid Name: lenti-sgRNA(MS2)_zeo_hCYP3A4_enhancer_guide1

Record Creation Time: 20220422T222021+0000

Record Last Update: 20260902T043005+0000

Ratings and Alerts

No rating or validation information has been found for lenti-sgRNA(MS2)_zeo_hCYP3A4_enhancer_guide1.

No alerts have been found for lenti-sgRNA(MS2)_zeo_hCYP3A4_enhancer_guide1.

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 [NIF](#) .

Ma H, et al. (2022) The nuclear receptor THRB facilitates differentiation of human PSCs into more mature hepatocytes. Cell stem cell, 29(5), 795.