Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

lenti MS2-P65-HSF1_Hygro

RRID:Addgene_61426
Type: Plasmid

Proper Citation

RRID:Addgene_61426

Plasmid Information

URL: http://www.addgene.org/61426

Proper Citation: RRID:Addgene_61426

Insert Name: MS2-P65-HSF1_2A_Hygro

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25494202

Vector Backbone Description: Vector Backbone:plenti; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: IMPORTANT NOTES: SAM libraries ordered prior to 4/3/2017 were shipped with this plasmid included. As of 4/3/2017, a version of this plasmid with improved titer is available: Addgene plasmids #89308 lentiMPH v2 (http://addgene.org/89308) For additional information, protocols and an activator sgRNA design tool, visit the Zhang lab website: http://sam.genome-engineering.org/

Plasmid Name: lenti MS2-P65-HSF1_Hygro

Relevant Mutation: N55K in MS2

Record Creation Time: 20220422T222352+0000

Record Last Update: 20240801T080903+0000

Ratings and Alerts

No rating or validation information has been found for lenti MS2-P65-HSF1_Hygro.

No alerts have been found for lenti MS2-P65-HSF1_Hygro.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Vázquez Salgado AM, et al. (2025) In Vivo CRISPR Activation Screening Reveals Chromosome 1q Genes VPS72, GBA1, and MRPL9 Drive Hepatocellular Carcinoma. Cellular and molecular gastroenterology and hepatology, 101460.

Wang J, et al. (2024) Crosstalk of MAP3K1 and EGFR signaling mediates gene-environment interactions that block developmental tissue closure. The Journal of biological chemistry, 300(7), 107486.

Kimura E, et al. (2024) MAP3K1 regulates female reproductive tract development. Disease models & mechanisms, 17(3).

Li Y, et al. (2024) Lecithin-cholesterol acyltransferase is a potential tumor suppressor and predictive marker for hepatocellular carcinoma metastasis. World journal of gastrointestinal oncology, 16(8), 3651.

Hua X, et al. (2024) A Ctnnb1 enhancer transcriptionally regulates Wnt signaling dosage to balance homeostasis and tumorigenesis of intestinal epithelia. eLife, 13.

Pfeifer M, et al. (2024) Genome-wide CRISPR screens identify the YAP/TEAD axis as a driver of persister cells in EGFR mutant lung cancer. Communications biology, 7(1), 497.

Zhao Y, et al. (2024) Long noncoding RNA Malat1 protects against osteoporosis and bone metastasis. Nature communications, 15(1), 2384.

Tehrani SS, et al. (2023) STAT1 is required to establish but not maintain interferon-?-induced transcriptional memory. The EMBO journal, 42(14), e112259.

Wickramage I, et al. (2023) SINE RNA of the imprinted miRNA clusters mediates constitutive type III interferon expression and antiviral protection in hemochorial placentas. Cell host & microbe, 31(7), 1185.

Wang N, et al. (2023) Single-cell profiling of lncRNAs in human germ cells and molecular analysis reveals transcriptional regulation of LNC1845 on LHX8. eLife, 12.

Gil N, et al. (2023) Complex regulation of Eomes levels mediated through distinct functional features of the Meteor long non-coding RNA locus. Cell reports, 42(6), 112569.

Hirakawa MP, et al. (2022) Upregulation of CD14 in mesenchymal stromal cells accelerates lipopolysaccharide-induced response and enhances antibacterial properties. iScience, 25(2), 103759.

Ikeuchi W, et al. (2022) AT-rich interaction domain 5A regulates the transcription of interleukin-6 gene in prostate cancer cells. The Prostate, 82(1), 97.

Nicolas AM, et al. (2022) Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer. Cancer cell, 40(2), 168.

Sveidahl Johansen O, et al. (2021) Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. Cell, 184(13), 3502.

Perez-Garcia V, et al. (2021) BAP1/ASXL complex modulation regulates epithelial-mesenchymal transition during trophoblast differentiation and invasion. eLife, 10.

Alda-Catalinas C, et al. (2021) Pooled CRISPR-activation screening coupled with single-cell RNA-seq in mouse embryonic stem cells. STAR protocols, 2(2), 100426.

Yang F, et al. (2020) DUX-miR-344-ZMYM2-Mediated Activation of MERVL LTRs Induces a Totipotent 2C-like State. Cell stem cell, 26(2), 234.

Hanniford D, et al. (2020) Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer cell, 37(1), 55.

Mong EF, et al. (2020) Chromosome 19 microRNA cluster enhances cell reprogramming by inhibiting epithelial-to-mesenchymal transition. Scientific reports, 10(1), 3029.