

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[FR_HNF4A2](#)

RRID:Addgene_31100

Type: Plasmid

Proper Citation

RRID:Addgene_31100

Plasmid Information

URL: <http://www.addgene.org/31100>

Proper Citation: RRID:Addgene_31100

Insert Name: HNF4A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15520459](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5137; Vector Backbone:pcDNA5/FRT/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: for Flp mediated site directed integration, tetracycline inducibility

Plasmid Name: FR_HNF4A2

Relevant Mutation: splice variant 2

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081328+0000

Ratings and Alerts

No rating or validation information has been found for FR_HNF4A2.

No alerts have been found for FR_HNF4A2.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Ehle C, et al. (2024) Downregulation of HNF4A enables transcriptomic reprogramming during the hepatic acute-phase response. *Communications biology*, 7(1), 589.

Morikawa S, et al. (2024) Functional Analysis of a Novel HNF4A Variant Identified in a Patient With MODY1. *Journal of the Endocrine Society*, 8(6), bvae090.

Lu H, et al. (2022) Crosstalk of hepatocyte nuclear factor 4a and glucocorticoid receptor in the regulation of lipid metabolism in mice fed a high-fat-high-sugar diet. *Lipids in health and disease*, 21(1), 46.

Lei X, et al. (2022) Epithelial HNF4A shapes the intraepithelial lymphocyte compartment via direct regulation of immune signaling molecules. *The Journal of experimental medicine*, 219(8).

Emanuelson C, et al. (2022) Transcriptional Inhibition of MicroRNA miR-122 by Small Molecules Reduces Hepatitis C Virus Replication in Liver Cells. *Journal of medicinal chemistry*, 65(24), 16338.

Fráguas-Eggenschwiler M, et al. (2021) Direct conversion of porcine primary fibroblasts into hepatocyte-like cells. *Scientific reports*, 11(1), 9334.

Yang X, et al. (2020) Defined host factors support HBV infection in non-hepatic 293T cells. *Journal of cellular and molecular medicine*, 24(4), 2507.

Guo S, et al. (2019) Novel mechanisms of regulation of the expression and transcriptional activity of hepatocyte nuclear factor 4?. *Journal of cellular biochemistry*, 120(1), 519.

Aschenbrenner AC, et al. (2017) A cross-species approach to identify transcriptional regulators exemplified for Dnajc22 and Hnf4a. *Scientific reports*, 7(1), 4056.

Moore BD, et al. (2016) Hepatocyte nuclear factor 4? is required for cell differentiation and homeostasis in the adult mouse gastric epithelium. *American journal of physiology. Gastrointestinal and liver physiology*, 311(2), G267.

Wu Q, et al. (2015) Decreased expression of hepatocyte nuclear factor 4? (Hnf4?) /microRNA-122 (miR-122) axis in hepatitis B virus-associated hepatocellular carcinoma enhances potential oncogenic GALNT10 protein activity. *The Journal of biological chemistry*, 290(2), 1170.