

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

FAS promoter luciferase

RRID:Addgene_8890

Type: Plasmid

Proper Citation

RRID:Addgene_8890

Plasmid Information

URL: <http://www.addgene.org/8890>

Proper Citation: RRID:Addgene_8890

Insert Name: Fatty Acid Synthetase Promoter

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9421459](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: -220 to +25 fragment of the Fatty Acid Synthetase promoter with regard to the transcription start site.

Plasmid Name: FAS promoter luciferase

Record Creation Time: 20220422T222606+0000

Record Last Update: 20260815T082153+0000

Ratings and Alerts

No rating or validation information has been found for FAS promoter luciferase.

No alerts have been found for FAS promoter luciferase.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Li L, et al. (2019) Interplay of PKD3 with SREBP1 Promotes Cell Growth via Upregulating Lipogenesis in Prostate Cancer Cells. *Journal of Cancer*, 10(25), 6395.

Romani P, et al. (2019) Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. *Nature cell biology*, 21(3), 338.

Shao D, et al. (2017) Glutaredoxin-1 Deficiency Causes Fatty Liver and Dyslipidemia by Inhibiting Sirtuin-1. *Antioxidants & redox signaling*, 27(6), 313.

Madsen A, et al. (2015) Metformin inhibits hepatocellular glucose, lipid and cholesterol biosynthetic pathways by transcriptionally suppressing steroid receptor coactivator 2 (SRC-2). *Scientific reports*, 5, 16430.

Lupp S, et al. (2014) The upstream stimulatory factor USF1 is regulated by protein kinase CK2 phosphorylation. *Cellular signalling*, 26(12), 2809.