

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLKO-puro FLAG SREBP2

RRID:Addgene_32018

Type: Plasmid

Proper Citation

RRID:Addgene_32018

Plasmid Information

URL: <http://www.addgene.org/32018>

Proper Citation: RRID:Addgene_32018

Insert Name: SREBP2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21816276](#)

Vector Backbone Description: Backbone Size:7100; Vector Backbone:pLKO.1-puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLKO-puro FLAG SREBP2

Record Creation Time: 20220422T222139+0000

Record Last Update: 20260725T074547+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-puro FLAG SREBP2.

No alerts have been found for pLKO-puro FLAG SREBP2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Mahmud I, et al. (2023) DAXX drives de novo lipogenesis and contributes to tumorigenesis. *Nature communications*, 14(1), 1927.

Hunt BG, et al. (2023) RON-augmented cholesterol biosynthesis in breast cancer metastatic progression and recurrence. *Oncogene*, 42(21), 1716.

Firpo MR, et al. (2023) Polyamines and eIF5A hypusination facilitate SREBP2 synthesis and cholesterol production leading to enhanced enterovirus attachment and infection. *PLoS pathogens*, 19(4), e1011317.

Tang W, et al. (2023) Parkin regulates neuronal lipid homeostasis through SREBP2-lipoprotein lipase pathway-implications for Parkinson's disease. *Human molecular genetics*, 32(9), 1466.

Mai S, et al. (2022) Postnatal eye size in mice is controlled by SREBP2-mediated transcriptional repression of *Lrp2* and *Bmp2*. *Development (Cambridge, England)*, 149(14).

Shin S, et al. (2021) Qki activates Srebp2-mediated cholesterol biosynthesis for maintenance of eye lens transparency. *Nature communications*, 12(1), 3005.

Gabitova-Cornell L, et al. (2020) Cholesterol Pathway Inhibition Induces TGF- β Signaling to Promote Basal Differentiation in Pancreatic Cancer. *Cancer cell*, 38(4), 567.

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

Zhang J, et al. (2018) High glucose induces the apoptosis of HUVECs in mitochondria dependent manner by enhancing VDAC1 expression. *Die Pharmazie*, 73(12), 725.

Zhang D, et al. (2017) Skin-specific regulation of SREBP processing and lipid biosynthesis by glycerol kinase 5. *Proceedings of the National Academy of Sciences of the United States of America*, 114(26), E5197.

Ricoult SJ, et al. (2016) Oncogenic PI3K and K-Ras stimulate de novo lipid synthesis through mTORC1 and SREBP. *Oncogene*, 35(10), 1250.