

Resource Summary Report

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

[pLKO-shp38](#)

RRID:Addgene_52920

Type: Plasmid

Proper Citation

RRID:Addgene_52920

Plasmid Information

URL: <http://www.addgene.org/52920>

Proper Citation: RRID:Addgene_52920

Insert Name: shRNA targeting mitogen-activated protein kinase p38

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24670723](#)

Vector Backbone Description: Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Plasmid Name: pLKO-shp38

Record Creation Time: 20220422T222310+0000

Record Last Update: 20260815T081626+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-shp38.

No alerts have been found for pLKO-shp38.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Pan K, et al. (2026) Lysine methylation-mediated SMYD2 degradation by casticin sensitizes non-small-cell lung cancer cells to osimertinib therapy. *Biochemical pharmacology*, 243(Pt 2), 117562.

Ruiz-Fernández de Córdoba B, et al. (2025) Dual ENPP1/ATM depletion blunts DNA damage repair boosting radioimmune efficacy to abrogate triple-negative breast cancer. *Signal transduction and targeted therapy*, 10(1), 185.

Hawsawi O, et al. (2025) Mitochondrial uncouplers inhibit oncogenic E2F1 activity and prostate cancer growth. *Cell reports. Medicine*, 6(1), 101890.

Xiang J, et al. (2024) Exo70 Promotes the Invasion of Pancreatic Cancer Cells via the Regulation of Exosomes. *Cancers*, 16(2).

Hu J, et al. (2022) LRIG2 promotes glioblastoma progression by modulating innate antitumor immunity through macrophage infiltration and polarization. *Journal for immunotherapy of cancer*, 10(9).

Bae Y, et al. (2022) miRNA-34c Suppresses Osteosarcoma Progression In Vivo by Targeting Notch and E2F. *JBMR plus*, 6(5), e10623.

Ruiz-Fernández de Córdoba B, et al. (2022) Tumor ENPP1 (CD203a)/Haptoglobin Axis Exploits Myeloid-Derived Suppressor Cells to Promote Post-Radiotherapy Local Recurrence in Breast Cancer. *Cancer discovery*, 12(5), 1356.

Zhao Y, et al. (2021) Deregulation of Exo70 Facilitates Innate and Acquired Cisplatin Resistance in Epithelial Ovarian Cancer by Promoting Cisplatin Efflux. *Cancers*, 13(14).

Xi XJ, et al. (2020) Extracellular vesicles enhance oxidative stress through P38/NF-kB pathway in ketamine-induced ulcerative cystitis. *Journal of cellular and molecular medicine*, 24(13), 7609.