

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pLKO.1-MKL1/2 shRNA

RRID:Addgene_27161

Type: Plasmid

Proper Citation

RRID:Addgene_27161

Plasmid Information

URL: <http://www.addgene.org/27161>

Proper Citation: RRID:Addgene_27161

Insert Name: shRNA MKL1+2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20466732](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pLKO.1-puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: shRNA sequence for knockdown of both MKL1 and MKL2:
CATGGAGCTGGTGGAGAAGAA

Plasmid Name: pLKO.1-MKL1/2 shRNA

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081300+0000

Ratings and Alerts

No rating or validation information has been found for pLKO.1-MKL1/2 shRNA.

No alerts have been found for pLKO.1-MKL1/2 shRNA.

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](#) .

Gajda AM, et al. (2026) Ionic regulation of cancer cell stiffness and metastatic colonization via the MRTFA-KCNMB1 axis. *Developmental cell*, 61(6), 1223.

Cossard A, et al. (2023) MKL/SRF and Bcl6 mutual transcriptional repression safeguards the fate and positioning of neocortical progenitor cells mediated by RhoA. *Science advances*, 9(46), eadd0676.

Tello-Lafoz M, et al. (2021) Cytotoxic lymphocytes target characteristic biophysical vulnerabilities in cancer. *Immunity*, 54(5), 1037.

Liu R, et al. (2020) SRF-MRTF signaling suppresses brown adipocyte development by modulating TGF- β /BMP pathway. *Molecular and cellular endocrinology*, 515, 110920.

Kaneda M, et al. (2018) Synaptic localisation of SRF coactivators, MKL1 and MKL2, and their role in dendritic spine morphology. *Scientific reports*, 8(1), 727.