

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pLKO mouse shRNA 1 raptor

RRID:Addgene_21339

Type: Plasmid

Proper Citation

RRID:Addgene_21339

Plasmid Information

URL: <http://www.addgene.org/21339>

Proper Citation: RRID:Addgene_21339

Insert Name: raptor shRNA 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19150980](#)

Vector Backbone Description: Backbone Marker:Available from Addgene; Backbone Size:7032; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: mouse raptor shRNA 1. shRNA oligo sequence is 5'-CCGGCCTCATCGTCAAGTCCTTCAACTCGAGTTGAAGGACTTGACGATGAGGTTTTTG-3'

Plasmid Name: pLKO mouse shRNA 1 raptor

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260829T080204+0000

Ratings and Alerts

No rating or validation information has been found for pLKO mouse shRNA 1 raptor.

No alerts have been found for pLKO mouse shRNA 1 raptor.

Data and Source Information

Usage and Citation Metrics

We found 65 mentions in open access literature.

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

Deng Y, et al. (2026) Dual-system engineered bacteria and dendritic cells enable precise intratumoral IL-12 delivery and potent antitumor immunity. *Cell reports. Medicine*, 7(6), 102801.

Louca S, et al. (2025) National antibiotic consumption is strongly related to the prevalence of antibiotic resistance across bacterial clades. *iScience*, 28(2), 111712.

Zhao Y, et al. (2025) Origin and development of uniparental and polyploid blastomeres. *iScience*, 28(5), 112337.

Zhang Q, et al. (2025) A tumor microenvironment model for glioma diagnosis and therapeutic evaluation based on the analysis of tissues and biological fluids. *iScience*, 28(7), 112881.

Wolf J, et al. (2025) Substrate diffusion electrodes allow for the electrochemical hydrogenation of concentrated alkynol substrate feeds. *iScience*, 28(2), 111789.

Pastor-Escuredo D, et al. (2025) Unsupervised spatiotemporal classification of deformation patterns of embryonic tissues matches their fate map. *iScience*, 28(3), 111753.

Benman W, et al. (2025) Multiplexed dynamic control of temperature to probe and observe mammalian cells. *Cell systems*, 16(3), 101234.

Ganzer C, et al. (2025) Net zero in power and industry-creating or destroying value and jobs? *iScience*, 28(4), 112185.

Meitil IKS, et al. (2025) Classification of polyphenol oxidases shows ancient gene duplication leading to two distinct enzyme types. *iScience*, 28(2), 111771.

Taguchi K, et al. (2025) SENP2-based N-terminal truncation of α -synuclein in Lewy pathology propagation. *iScience*, 28(2), 111935.

Chen H, et al. (2025) Formation of brain-wide neural geometry during visual item recognition in monkeys. *iScience*, 28(3), 111936.

Rouanet C, et al. (2025) Protection of infant mice against pertussis, tuberculosis and influenza by co-administration of nasal pertussis vaccine candidate BPZE1 and BCG. *iScience*, 28(7), 112839.

Marin N, et al. (2025) Predictable sequential structure augments auditory sensitivity at threshold. *iScience*, 28(3), 112074.

Zhao Y, et al. (2025) Semantic and relation aware neural network model for bi-class multi-relational heterogeneous graphs. *iScience*, 28(4), 112155.

Sakai M, et al. (2024) Genome-scale CRISPR-Cas9 screen identifies host factors as potential therapeutic targets for SARS-CoV-2 infection. *iScience*, 27(8), 110475.

Mendoza-Halliday D, et al. (2024) Dissociable neuronal substrates of visual feature attention and working memory. *Neuron*, 112(5), 850.

Zhang C, et al. (2024) YOLOX-DG robotic detection systems for large-scale underwater concrete structures. *iScience*, 27(4), 109337.

Bowman RL, et al. (2024) In vivo models of subclonal oncogenesis and dependency in hematopoietic malignancy. *Cancer cell*, 42(11), 1955.

Carr CR, et al. (2024) Deep mutational scanning reveals functional constraints and antibody-escape potential of Lassa virus glycoprotein complex. *Immunity*, 57(9), 2061.

Busa VF, et al. (2024) Transcriptome regulation by PARP13 in basal and antiviral states in human cells. *iScience*, 27(4), 109251.