Resource Summary Report

Generated by dkNET on Aug 6, 2026

ph7SK-gRNA

RRID:Addgene_53189
Type: Plasmid

Proper Citation

RRID:Addgene_53189

Plasmid Information

URL: http://www.addgene.org/53189

Proper Citation: RRID:Addgene_53189

Bacterial Resistance: Kanamycin

Defining Citation: PMID:25122746

Vector Backbone Description: Backbone Size:3504; Vector Backbone:pzDonor; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Kanamycin

Plasmid Name: ph7SK-gRNA

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260801T081442+0000

Ratings and Alerts

No rating or validation information has been found for ph7SK-gRNA.

No alerts have been found for ph7SK-gRNA.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Yu H, et al. (2025) H3K4me3 amplifies transcription at intergenic active regulatory elements. Genes & development, 39(21-22), 1290.

Gong JN, et al. (2025) Re-appraising assays on permeabilized blood cancer cells testing venetoclax or other BH3 mimetic agents selectively targeting pro-survival BCL2 proteins. Cell death and differentiation, 32(8), 1382.

Simard-Bisson C, et al. (2025) Mimicking the LOX-Related Autosomal Recessive Congenital Ichthyosis Skin Disease Using a CRISPR-Cas9 System and Unravelling 12S-LOX Function in the Skin. Dermatopathology (Basel, Switzerland), 12(3).

Valc??rcel G, et al. (2025) Modulating immune cell fate and inflammation through CRISPR-mediated DNA methylation editing. Science advances, 11(29), eadt1644.

Nelson HM, et al. (2024) Transfer of miR-100 and miR-125b increases 3D growth and invasiveness in recipient cancer cells. Extracellular vesicles and circulating nucleic acids, 5(3), 397.

Matsui S, et al. (2024) Pioneer and PRDM transcription factors coordinate bivalent epigenetic states to safeguard cell fate. Molecular cell, 84(3), 476.

Matsui S, et al. (2024) Protocol for establishing inducible CRISPR interference system for multiple-gene silencing in human pluripotent stem cells. STAR protocols, 5(3), 103221.

Cai H, et al. (2024) CRISPR/Cas9 model of prostate cancer identifies Kmt2c deficiency as a metastatic driver by Odam/Cabs1 gene cluster expression. Nature communications, 15(1), 2088.

Yoo H, et al. (2023) Common and distinct functions of mouse Dot1l in the regulation of endothelial transcriptome. Frontiers in cell and developmental biology, 11, 1176115.

Maimaitili M, et al. (2023) Enhanced production of mesencephalic dopaminergic neurons from lineage-restricted human undifferentiated stem cells. Nature communications, 14(1), 7871.

Loftus D, et al. (2023) Allelic chromatin structure primes imprinted expression of Kcnk9 during neurogenesis. bioRxiv : the preprint server for biology.

Xu Y, et al. (2022) Adult human kidney organoids originate from CD24+ cells and represent an advanced model for adult polycystic kidney disease. Nature genetics, 54(11), 1690.

Werder RB, et al. (2022) CRISPR interference interrogation of COPD GWAS genes reveals the functional significance of desmoplakin in iPSC-derived alveolar epithelial cells. Science advances, 8(28), eabo6566.

Yang F, et al. (2020) DUX-miR-344-ZMYM2-Mediated Activation of MERVL LTRs Induces a Totipotent 2C-like State. Cell stem cell, 26(2), 234.

Yoo H, et al. (2020) Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. Cell death & disease, 11(1), 14.

Sullivan NT, et al. (2019) Novel gRNA design pipeline to develop broad-spectrum CRISPR/Cas9 gRNAs for safe targeting of the HIV-1 quasispecies in patients. Scientific reports, 9(1), 17088.

Xian H, et al. (2019) STX17 dynamically regulated by Fis1 induces mitophagy via hierarchical macroautophagic mechanism. Nature communications, 10(1), 2059.

Dall'Agnese A, et al. (2019) Transcription Factor-Directed Re-wiring of Chromatin Architecture for Somatic Cell Nuclear Reprogramming toward trans-Differentiation. Molecular cell, 76(3), 453.