

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

scramble shRNA

RRID:Addgene_1864

Type: Plasmid

Proper Citation

RRID:Addgene_1864

Plasmid Information

URL: <http://www.addgene.org/1864>

Proper Citation: RRID:Addgene_1864

Insert Name: scramble

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15718470](#)

Vector Backbone Description: Backbone Marker:Stewart SA, RNA 2003 Apr; 9(4):493-501.; Backbone Size:7032; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: shRNA for use as a negative control. Sequence of hairpin is:CCTAAGGTTAAGTCGCCCTCGCTCGAGCGAGGGCGACTTAACCTTAGG. For packaging, please use pCMV-dR8.2 dvpr (Addgene plasmid #8455) and pCMV-VSVG (Addgene plasmid #8454). Please note that the 5' cloning site, AgeI, is typically destroyed during the shRNA cloning. Depending on the specific shRNA sequence, the site can occasionally be restored. AgeI is present in this plasmid.

Plasmid Name: scramble shRNA

Record Creation Time: 20220422T222041+0000

Record Last Update: 20260815T081137+0000

Ratings and Alerts

No rating or validation information has been found for scramble shRNA.

No alerts have been found for scramble shRNA.

Data and Source Information

Usage and Citation Metrics

We found 693 mentions in open access literature.

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

Daniel NM, et al. (2026) FOXO1 transcription factor modulates airway epithelial responses to viral infection. PloS one, 21(4), e0345169.

Hanson HM, et al. (2026) Human Immunodeficiency Virus Type 2 Vpx-mediated Degradation of TASOR Activates Innate Immune Sensing of Nucleic Acids in Infected Cells. Journal of molecular biology, 438(19), 169879.

Yoshida K, et al. (2026) DHODH regulates trophoblast fusion via IFITM-reduced plasma membrane fluidity: Implications for hypertensive disorders of pregnancy. iScience, 29(6), 116163.

Singh M, et al. (2026) Endogenous retroviral elements LTR8B and MER65 rewire PSG9 regulation to control trophoblast syncytialization and pre-eclampsia risk. Genome biology, 27(1).

Duan L, et al. (2026) Dormancy exit correlates with CREB1 reactivation that is a potential target to overcome endocrine therapy resistance in ER+ breast cancer cells. iScience, 29(5), 115610.

Zhou Y, et al. (2026) CXCL16-driven CD4+ T cells orchestrate immunosurveillance against MHC-I-deficient hepatocellular tumors. Journal for immunotherapy of cancer, 14(5).

Moreno-Irusta A, et al. (2026) Fundamental and unique roles of PLAC1 in the regulation of rat and human trophoblast cell development. Development (Cambridge, England), 153(9).

Lu X, et al. (2026) BCR-ABL1 Drives Transcriptional Reprogramming of Chronic Myeloid Leukemia Cells for Immune Evasion Through C/EBP?. MedComm, 7(5), e70747.

Li A, et al. (2026) DNER drives glycolytic reprogramming in renal cell carcinoma by activating the JAK2/STAT3 signaling pathway. Frontiers in immunology, 17, 1799104.

Manoukian P, et al. (2026) Estrogen Production in Pancreatic Cancer Shapes a Tumor-Suppressive Stromal Microenvironment. Cancer research, 86(3), 571.

Fisher E, et al. (2026) ASCL1 promotes nuclear shrinkage in transdifferentiation by suppressing NUP37. Stem cell reports, 21(3), 102823.

Teixeira M, et al. (2026) WDR44 drives de novo α -synuclein aggregation at the lysosomal membrane and promotes neuronal dysfunction in Parkinson's Disease. bioRxiv : the preprint server for biology.

Gentile C, et al. (2026) mSWI/SNF complex inhibition sensitizes KRAS-mutant lung cancers to targeted therapies via epithelial-mesenchymal subversion. *bioRxiv : the preprint server for biology*.

Biller M, et al. (2026) REV7 associates with ATRIP and inhibits ATR kinase activity. *Nucleic acids research*, 54(2).

Papadopoli D, et al. (2026) Mitochondrial ETF insufficiency drives neoplastic growth by selectively optimizing cancer bioenergetics. *eLife*, 14.

Verling C, et al. (2026) Insulin and Insulin-like Growth Factor 1 Signaling as a Modulator of MYC Expression in the Meibomian Gland. *Biomedicines*, 14(3).

Gupta P, et al. (2026) Interaction and co-phase separation of SARS-CoV-2 nucleocapsid protein and human hnRNPA1 and its implications for viral life cycle. *FEBS letters*.

Bernaus-Esqu  M, et al. (2026) Annexin A6 controls multi-organelle contact site formation and endolysosomal positioning, and remodels the STARD3 interactome. *iScience*, 29(7), 116387.

Yue W, et al. (2026) A neuron subtype-specific role of MEK-ERK signaling in axon survival via transcriptional regulation of *Nmnat2*. *Cell reports*, 45(2), 116931.

Kolodziejczak AS, et al. (2026) Preclinical drug screen identifies WEE1 inhibitor and vinca alkaloid as a combination treatment concept for Li-Fraumeni syndrome medulloblastoma. *iScience*, 29(2), 114564.