

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3.1/V5-His-TOPO-mir17-92

RRID:Addgene_21109

Type: Plasmid

Proper Citation

RRID:Addgene_21109

Plasmid Information

URL: <http://www.addgene.org/21109>

Proper Citation: RRID:Addgene_21109

Insert Name: miR-17-92 cluster

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15944709](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5523; Vector Backbone:pcDNA3.1/V5-His-TOPO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1/V5-His-TOPO-mir17-92

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260725T074423+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1/V5-His-TOPO-mir17-92.

No alerts have been found for pcDNA3.1/V5-His-TOPO-mir17-92.

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 [NIF](#) .

Martens-de Kemp SR, et al. (2022) Overexpression of the miR-17-92 cluster in colorectal adenoma organoids causes a carcinoma-like gene expression signature. *Neoplasia* (New York, N.Y.), 32, 100820.

Dakir el-H, et al. (2019) Genome-wide miRNA profiling and pivotal roles of miRs 125a-5p and 17-92 cluster in human neutrophil maturation and differentiation of acute myeloid leukemia cells. *Oncotarget*, 10(51), 5313.

Velagapudi SP, et al. (2017) Defining RNA-Small Molecule Affinity Landscapes Enables Design of a Small Molecule Inhibitor of an Oncogenic Noncoding RNA. *ACS central science*, 3(3), 205.

Huang CY, et al. (2017) p53-mediated miR-18 repression activates HSF2 for IGF-IIR-dependent myocyte hypertrophy in hypertension-induced heart failure. *Cell death & disease*, 8(8), e2990.

Honegger A, et al. (2015) Dependence of intracellular and exosomal microRNAs on viral E6/E7 oncogene expression in HPV-positive tumor cells. *PLoS pathogens*, 11(3), e1004712.