

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

Nanog5P reporter

RRID:Addgene_16337

Type: Plasmid

Proper Citation

RRID:Addgene_16337

Plasmid Information

URL: <http://www.addgene.org/16337>

Proper Citation: RRID:Addgene_16337

Insert Name: Nanog promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16166633](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4800; Vector Backbone:pGL3-basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: 5' Nanog Luciferase reporter, contains 2.5 kb of 5' promoter region of the mouse Nanog gene.

Plasmid Name: Nanog5P reporter

Record Creation Time: 20220422T221924+0000

Record Last Update: 20260815T080911+0000

Ratings and Alerts

No rating or validation information has been found for Nanog5P reporter.

No alerts have been found for Nanog5P reporter.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Lei C, et al. (2022) Enteric VIP-producing neurons maintain gut microbiota homeostasis through regulating epithelium fucosylation. *Cell host & microbe*, 30(10), 1417.

Emiliani FE, et al. (2022) Multiplexed Assembly and Annotation of Synthetic Biology Constructs Using Long-Read Nanopore Sequencing. *ACS synthetic biology*, 11(7), 2238.

Francia M, et al. (2021) SUMO conjugation susceptibility of Akt/protein kinase B affects the expression of the pluripotency transcription factor Nanog in embryonic stem cells. *PLoS one*, 16(7), e0254447.

Tan A, et al. (2021) TFEB regulates pluripotency transcriptional network in mouse embryonic stem cells independent of autophagy-lysosomal biogenesis. *Cell death & disease*, 12(4), 343.

Zhang S, et al. (2019) Profiling the long noncoding RNA interaction network in the regulatory elements of target genes by chromatin in situ reverse transcription sequencing. *Genome research*, 29(9), 1521.

Lee J, et al. (2018) Peroxisome Proliferator-Activated Receptor γ Agonist and Its Target Nanog Cooperate to Induce Pluripotency. *Journal of clinical medicine*, 7(12).

Garg N, et al. (2013) microRNA-17-92 cluster is a direct Nanog target and controls neural stem cell through Trp53inp1. *The EMBO journal*, 32(21), 2819.

Declercq J, et al. (2013) Zic3 enhances the generation of mouse induced pluripotent stem cells. *Stem cells and development*, 22(14), 2017.

Bais MV, et al. (2012) Role of Nanog in the maintenance of marrow stromal stem cells during post natal bone regeneration. *Biochemical and biophysical research communications*, 417(1), 211.

Dang H, et al. (2011) Snail1 induces epithelial-to-mesenchymal transition and tumor initiating stem cell characteristics. *BMC cancer*, 11, 396.

Wang Q, et al. (2011) Lithium, an anti-psychotic drug, greatly enhances the generation of induced pluripotent stem cells. *Cell research*, 21(10), 1424.