Resource Summary Report

Generated by RRID on Aug 22, 2026

pGL2-NOS2Promoter-Luciferase

RRID:Addgene_19296
Type: Plasmid

Proper Citation

RRID:Addgene_19296

Plasmid Information

URL: http://www.addgene.org/19296

Proper Citation: RRID:Addgene_19296

Insert Name: NOS2 Promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:7692452

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5598; Vector Backbone:pGL2-Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pGL2-NOS2Promoter-Luciferase

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081143+0000

Ratings and Alerts

No rating or validation information has been found for pGL2-NOS2Promoter-Luciferase.

No alerts have been found for pGL2-NOS2Promoter-Luciferase.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Tedeschi G, et al. (2024) Monitoring macrophage polarization with gene expression reporters and bioluminescence phasor analysis. bioRxiv : the preprint server for biology.

Mas-Rosario JA, et al. (2023) Murine macrophage-based iNos reporter reveals polarization and reprogramming in the context of breast cancer. Frontiers in oncology, 13, 1151384.

Czarnek M, et al. (2022) shRNAs targeting mouse Adam10 diminish cell response to proinflammatory stimuli independently of Adam10 silencing. Biology open, 11(3).

Wheeler MA, et al. (2019) Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation. Cell, 176(3), 581.

Collmann FM, et al. (2018) Imaging Reporter Strategy to Monitor Gene Activation of Microglia Polarisation States under Stimulation. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 13(3), 371.

Sahu SK, et al. (2017) MicroRNA 26a (miR-26a)/KLF4 and CREB-C/EBP? regulate innate immune signaling, the polarization of macrophages and the trafficking of Mycobacterium tuberculosis to lysosomes during infection. PLoS pathogens, 13(5), e1006410.

Shen Y, et al. (2017) Bioenergetic state regulates innate inflammatory responses through the transcriptional co-repressor CtBP. Nature communications, 8(1), 624.

Johnson ZI, et al. (2016) RNA Sequencing Reveals a Role of TonEBP Transcription Factor in Regulation of Pro-inflammatory Genes in Response to Hyperosmolarity in Healthy Nucleus Pulposus Cells: A HOMEOSTATIC RESPONSE? The Journal of biological chemistry, 291(52), 26686.

Yun CH, et al. (2015) A Novel Synthetic Compound, YH-1118, Inhibited LPS-Induced Inflammatory Response by Suppressing IkappaB Kinase/NF-kappaB Pathway in Raw 264.7 Cells. Journal of microbiology and biotechnology, 25(7), 1047.

Alamuru NP, et al. (2014) A novel immunomodulatory function of PHLPP1: inhibition of iNOS via attenuation of STAT1 ser727 phosphorylation in mouse macrophages. Journal of leukocyte biology, 95(5), 775.

Tsutsuki H, et al. (2012) Subtilase cytotoxin enhances Escherichia coli survival in macrophages by suppression of nitric oxide production through the inhibition of NF-?B activation. Infection and immunity, 80(11), 3939.