

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

pLIX403-hNOS2

RRID:Addgene_110800

Type: Plasmid

Proper Citation

RRID:Addgene_110800

Plasmid Information

URL: <http://www.addgene.org/110800>

Proper Citation: RRID:Addgene_110800

Insert Name: NOS2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28427998](#)

Vector Backbone Description: Backbone Marker:David Root (Addgene plasmid # 41395); Backbone Size:9396; Vector Backbone:pLIX_403; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLIX403-hNOS2

Record Creation Time: 20220422T221539+0000

Record Last Update: 20260801T075927+0000

Ratings and Alerts

No rating or validation information has been found for pLIX403-hNOS2.

No alerts have been found for pLIX403-hNOS2.

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 [dkNET](#) .

Srivastava J, et al. (2025) Blocking Nitrosylation Induces Immunogenic Cell Death by Sensitizing NRAS-Mutant Melanoma to MEK Inhibitors. *Cancer research*, 85(12), 2268.

Zhao XY, et al. (2024) iNOS is necessary for GBP-mediated *T. gondii* clearance in murine macrophages via vacuole nitration and intravacuolar network collapse. *Nature communications*, 15(1), 2698.

Ryder L, et al. (2023) Nitric oxide-induced ribosome collision activates ribosomal surveillance mechanisms. *Cell death & disease*, 14(7), 467.

Liang D, et al. (2023) Ferroptosis surveillance independent of GPX4 and differentially regulated by sex hormones. *Cell*, 186(13), 2748.

Drehmer D, et al. (2022) Nitric oxide favours tumour-promoting inflammation through mitochondria-dependent and -independent actions on macrophages. *Redox biology*, 54, 102350.