

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

pLKO-sh-Nix

RRID:Addgene_100770

Type: Plasmid

Proper Citation

RRID:Addgene_100770

Plasmid Information

URL: <http://www.addgene.org/100770>

Proper Citation: RRID:Addgene_100770

Insert Name: Lenti-sh-Nix

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33044904](#)

Vector Backbone Description: Backbone Marker:Addgene; Backbone Size:7032; Vector Backbone:pLKO.1-puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLKO-sh-Nix

Record Creation Time: 20220422T221450+0000

Record Last Update: 20260919T090357+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-sh-Nix.

No alerts have been found for pLKO-sh-Nix.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Field JT, et al. (2025) The mitophagy receptor BNIP3L/Nix coordinates nuclear calcium signaling to modulate the muscle phenotype. *Autophagy*, 21(7), 1544.

da Silva Rosa SC, et al. (2021) BNIP3L/Nix-induced mitochondrial fission, mitophagy, and impaired myocyte glucose uptake are abrogated by PRKA/PKA phosphorylation. *Autophagy*, 17(9), 2257.