

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pLenti-MP2](#)

RRID:Addgene_36097

Type: Plasmid

Proper Citation

RRID:Addgene_36097

Plasmid Information

URL: <http://www.addgene.org/36097>

Proper Citation: RRID:Addgene_36097

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23792206](#)

Vector Backbone Description: Backbone Marker:Naldini Lab; Backbone Size:6782; Vector Backbone:pRRLsinPPT-CMV-MCS-WPRE; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: The backbone is described the Naldini group in Dull et al., 1998 (JVI) and was modified by Anthony Oliva and Jia Pingping at the Miami project.

Plasmid Name: pLenti-MP2

Record Creation Time: 20220422T222153+0000

Record Last Update: 20260815T081405+0000

Ratings and Alerts

No rating or validation information has been found for pLenti-MP2.

No alerts have been found for pLenti-MP2.

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](#) .

Akyol A, et al. (2025) Tracking Intracellular Labile Iron with a Genetically Encoded Fluorescent Reporter System Based on Protein Stability. *ACS sensors*, 10(8), 5854.

Rampias T, et al. (2025) KMT2C inactivation leads to PTEN downregulation and tolerance to DNA damage during cell cycle progression. *NPJ precision oncology*, 9(1), 336.

Gleichman AJ, et al. (2025) Regionally mapped astrocytic responses to cortical and white matter stroke show differential roles in astrocyte-induced vascular remodeling. *Neuron*, 113(24), 4178.

Wang T, et al. (2024) Single-nucleus transcriptomics identifies separate classes of UCP1 and futile cycle adipocytes. *Cell metabolism*, 36(9), 2130.

Sevimli G, et al. (2022) Nitric oxide biosensor uncovers diminished ferrous iron-dependency of cultured cells adapted to physiological oxygen levels. *Redox biology*, 53, 102319.

Lee SH, et al. (2022) A molecular clock controls periodically driven cell migration in confined spaces. *Cell systems*, 13(7), 514.

Secilmis M, et al. (2021) A Co-Culture-Based Multiparametric Imaging Technique to Dissect Local H₂O₂ Signals with Targeted HyPer7. *Biosensors*, 11(9).

Ashrafi G, et al. (2020) Molecular Tuning of the Axonal Mitochondrial Ca²⁺ Uniporter Ensures Metabolic Flexibility of Neurotransmission. *Neuron*, 105(4), 678.

Schimmel L, et al. (2020) c-Src controls stability of sprouting blood vessels in the developing retina independently of cell-cell adhesion through focal adhesion assembly. *Development (Cambridge, England)*, 147(7).

Matta H, et al. (2018) Development and characterization of a novel luciferase based cytotoxicity assay. *Scientific reports*, 8(1), 199.

Torabi B, et al. (2018) Caspase cleavage of transcription factor Sp1 enhances apoptosis. *Apoptosis : an international journal on programmed cell death*, 23(1), 65.