

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLM-vexGFP-Oct4

RRID:Addgene_22240

Type: Plasmid

Proper Citation

RRID:Addgene_22240

Plasmid Information

URL: <http://www.addgene.org/22240>

Proper Citation: RRID:Addgene_22240

Insert Name: vexGFP_2A_OCT4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19549847](#)

Vector Backbone Description: Backbone Size:6655; Vector Backbone:N/A; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLM-vexGFP-Oct4

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

No rating or validation information has been found for pLM-vexGFP-Oct4.

No alerts have been found for pLM-vexGFP-Oct4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Gurusinghe S, et al. (2019) Lentiviral vector expression of Klf4 enhances chondrogenesis and reduces hypertrophy in equine chondrocytes. *Gene*, 680, 9.

Ferreyra Solari NE, et al. (2016) The NSL Chromatin-Modifying Complex Subunit KANSL2 Regulates Cancer Stem-like Properties in Glioblastoma That Contribute to Tumorigenesis. *Cancer research*, 76(18), 5383.

Kobayashi I, et al. (2016) Oct4 plays a crucial role in the maintenance of gefitinib-resistant lung cancer stem cells. *Biochemical and biophysical research communications*, 473(1), 125.

Thandapani P, et al. (2015) Aven recognition of RNA G-quadruplexes regulates translation of the mixed lineage leukemia protooncogenes. *eLife*, 4.

Kumar SM, et al. (2012) Acquired cancer stem cell phenotypes through Oct4-mediated dedifferentiation. *Oncogene*, 31(47), 4898.

Vazquez-Martin A, et al. (2012) Activation of AMP-activated protein kinase (AMPK) provides a metabolic barrier to reprogramming somatic cells into stem cells. *Cell cycle (Georgetown, Tex.)*, 11(5), 974.

Rolf HJ, et al. (2012) Intercellular transport of Oct4 in mammalian cells: a basic principle to expand a stem cell niche? *PloS one*, 7(2), e32287.