

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pMXs-hs-EGR1

RRID:Addgene_52724

Type: Plasmid

Proper Citation

RRID:Addgene_52724

Plasmid Information

URL: <http://www.addgene.org/52724>

Proper Citation: RRID:Addgene_52724

Insert Name: EGR1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24239284](#)

Vector Backbone Description: Vector Backbone:pMXs; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXs-hs-EGR1

Record Creation Time: 20220422T222310+0000

Record Last Update: 20260815T081625+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-hs-EGR1.

No alerts have been found for pMXs-hs-EGR1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Atsuta Y, et al. (2024) Direct reprogramming of non-limb fibroblasts to cells with properties of limb progenitors. *Developmental cell*, 59(3), 415.

Baek J, et al. (2022) Egr1 is a 3D matrix-specific mediator of mechanosensitive stem cell lineage commitment. *Science advances*, 8(15), eabm4646.

Lv D, et al. (2022) PDGF signaling inhibits mitophagy in glioblastoma stem cells through N6-methyladenosine. *Developmental cell*, 57(12), 1466.

Wong KM, et al. (2021) CTCF and EGR1 suppress breast cancer cell migration through transcriptional control of Nm23-H1. *Scientific reports*, 11(1), 491.

Peeters JGC, et al. (2019) Transcriptional and epigenetic profiling of nutrient-deprived cells to identify novel regulators of autophagy. *Autophagy*, 15(1), 98.

Younger AK, et al. (2017) Engineering Modular Biosensors to Confer Metabolite-Responsive Regulation of Transcription. *ACS synthetic biology*, 6(2), 311.