

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 4, 2026

pINDUCER21 (ORF-EG)

RRID:Addgene_46948

Type: Plasmid

Proper Citation

RRID:Addgene_46948

Plasmid Information

URL: <http://www.addgene.org/46948>

Proper Citation: RRID:Addgene_46948

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:21307310](#)

Vector Backbone Description: Backbone Marker:Dr. Richard Mulligan; Backbone Size:4874; Vector Backbone:pHAGE-CAGS-W; Vector Types:Lentiviral; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pINDUCER21 (ORF-EG)

Record Creation Time: 20220422T222242+0000

Record Last Update: 20260902T045537+0000

Ratings and Alerts

No rating or validation information has been found for pINDUCER21 (ORF-EG).

No alerts have been found for pINDUCER21 (ORF-EG).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Kim PG, et al. (2026) Metabolic control of innate immune activation in TET2-mutant clonal hematopoiesis. *Cell chemical biology*, 33(2), 183.

Clayton NS, et al. (2024) RhoU forms homo-oligomers to regulate cellular responses. *Journal of cell science*, 137(2).

Yuan B, et al. (2024) Modulation of the microhomology-mediated end joining pathway suppresses large deletions and enhances homology-directed repair following CRISPR-Cas9-induced DNA breaks. *BMC biology*, 22(1), 101.

Marquez-Palencia M, et al. (2024) AXL/WRNIP1 Mediates Replication Stress Response and Promotes Therapy Resistance and Metachronous Metastasis in HER2+ Breast Cancer. *Cancer research*, 84(5), 675.

Jessen M, et al. (2024) Inhibition of the YAP-MMB interaction and targeting NEK2 as potential therapeutic strategies for YAP-driven cancers. *Oncogene*, 43(8), 578.

Gibson SV, et al. (2023) ADAMTS3 restricts cancer invasion in models of early breast cancer progression through enhanced fibronectin degradation. *Matrix biology : journal of the International Society for Matrix Biology*, 121, 74.

Bekas N, et al. (2023) Inactivation of Tumor Suppressor CYLD Inhibits Fibroblast Reprogramming to Pluripotency. *Cancers*, 15(20).

Hayat A, et al. (2023) Low HER2 expression in normal breast epithelium enables dedifferentiation and malignant transformation via chromatin opening. *Disease models & mechanisms*, 16(2).

Ruan X, et al. (2023) PIE-seq: identifying RNA-binding protein targets by dual RNA-deaminase editing and sequencing. *Nature communications*, 14(1), 3275.

Garcia-Carpio I, et al. (2023) Extra centrosomes induce PIDD1-mediated inflammation and immunosurveillance. *The EMBO journal*, 42(20), e113510.

Sabatier M, et al. (2023) C/EBP β Confers Dependence to Fatty Acid Anabolic Pathways and Vulnerability to Lipid Oxidative Stress-Induced Ferroptosis in FLT3-Mutant Leukemia. *Cancer discovery*, 13(7), 1720.

Singh V, et al. (2023) Global role of IGF2BP1 in controlling the expression of Wnt/ β -catenin-regulated genes in colorectal cancer cells. *Frontiers in cell and developmental biology*, 11, 1236356.

Thölmann S, et al. (2022) JAM-A interacts with α 3 β 1 integrin and tetraspanins CD151 and CD9 to regulate collective cell migration of polarized epithelial cells. *Cellular and molecular life sciences : CMLS*, 79(2), 88.

Hansen JL, et al. (2022) A test of the pioneer factor hypothesis using ectopic liver gene activation. *eLife*, 11.

Morris V, et al. (2022) Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells. *Cell reports*, 39(4), 110752.

Zhou Y, et al. (2022) EBF1 nuclear repositioning instructs chromatin refolding to promote therapy resistance in T leukemic cells. *Molecular cell*, 82(5), 1003.

Grenier A, et al. (2022) AMPK-PERK axis represses oxidative metabolism and enhances apoptotic priming of mitochondria in acute myeloid leukemia. *Cell reports*, 38(1), 110197.

Huang L, et al. (2021) Commitment and oncogene-induced plasticity of human stem cell-derived pancreatic acinar and ductal organoids. *Cell stem cell*, 28(6), 1090.

Bagati A, et al. (2021) Integrin $\alpha 6$ -TGF β -SOX4 Pathway Drives Immune Evasion in Triple-Negative Breast Cancer. *Cancer cell*, 39(1), 54.

Müller S, et al. (2020) ESRRG and PERM1 Govern Mitochondrial Conversion in Brite/Beige Adipocyte Formation. *Frontiers in endocrinology*, 11, 387.