

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

PGK-H2BeGFP

RRID:Addgene_21210

Type: Plasmid

Proper Citation

RRID:Addgene_21210

Plasmid Information

URL: <http://www.addgene.org/21210>

Proper Citation: RRID:Addgene_21210

Insert Name: Phosphoglycerate kinase promoter

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19352491](#)

Vector Backbone Description: Backbone Size:7226; Vector Backbone:SIN18; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: There are several mismatches between depositor's and Addgene sequence. These mutations do not affect eGFP expression.

Plasmid Name: PGK-H2BeGFP

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260808T081407+0000

Ratings and Alerts

No rating or validation information has been found for PGK-H2BeGFP.

No alerts have been found for PGK-H2BeGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Ozcan SC, et al. (2026) Stress adaptation pathways and HA-CD44 signaling maintain the survival of pancreatic cancer cells with centrosome amplification. *Cell communication and signaling : CCS*, 24(1).

Maurais EG, et al. (2026) Genome instability triggers intercellular DNA transfer between human cells. *Cell*, 189(15), 4548.

Hoellerbauer P, et al. (2024) FBXO42 activity is required to prevent mitotic arrest, spindle assembly checkpoint activation and lethality in glioblastoma and other cancers. *NAR cancer*, 6(2), zcae021.

Muralidharan H, et al. (2024) Breast Cancer Stem Cells Upregulate IRF6 in Stromal Fibroblasts to Induce Stromagenesis. *Cells*, 13(17).

Kalkan BM, et al. (2024) Nek2A prevents centrosome clustering and induces cell death in cancer cells via KIF2C interaction. *Cell death & disease*, 15(3), 222.

Ayushman M, et al. (2024) Cell tumbling enhances stem cell differentiation in hydrogels via nuclear mechanotransduction. *Nature materials*.

Pond KW, et al. (2022) Live-cell imaging in human colonic monolayers reveals ERK waves limit the stem cell compartment to maintain epithelial homeostasis. *eLife*, 11.

Yedier-Bayram O, et al. (2022) EPIKOL, a chromatin-focused CRISPR/Cas9-based screening platform, to identify cancer-specific epigenetic vulnerabilities. *Cell death & disease*, 13(8), 710.

Chinn HK, et al. (2022) Hypoxia-inducible lentiviral gene expression in engineered human macrophages. *Journal for immunotherapy of cancer*, 10(6).

Murali VS, et al. (2019) An image-based assay to quantify changes in proliferation and viability upon drug treatment in 3D microenvironments. *BMC cancer*, 19(1), 502.

Tonnessen-Murray CA, et al. (2019) Chemotherapy-induced senescent cancer cells engulf other cells to enhance their survival. *The Journal of cell biology*, 218(11), 3827.

Davey RJ, et al. (2018) Quantitative image mean squared displacement (iMSD) analysis of the dynamics of profilin 1 at the membrane of live cells. *Methods (San Diego, Calif.)*, 140-141, 119.

Kilinc D, et al. (2016) A microfluidic dual gradient generator for conducting cell-based drug combination assays. *Integrative biology : quantitative biosciences from nano to macro*, 8(1), 39.

Venugopalan G, et al. (2014) Multicellular architecture of malignant breast epithelia influences mechanics. *PloS one*, 9(8), e101955.

Kreitzer FR, et al. (2013) A robust method to derive functional neural crest cells from human pluripotent stem cells. American journal of stem cells, 2(2), 119.