Resource Summary Report

Generated by NIF on Jul 30, 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: 20260725T074424+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 13 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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.