

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pLenti-PGK-Neo-PIP-FUCCI

RRID:Addgene_118616

Type: Plasmid

Proper Citation

RRID:Addgene_118616

Plasmid Information

URL: <http://www.addgene.org/118616>

Proper Citation: RRID:Addgene_118616

Insert Name: PIP-FUCCI

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30421640](#)

Vector Backbone Description: Backbone Marker:Eric Campeau; Backbone Size:8000; Vector Backbone:pLenti PGK Neo DEST (w531-1); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti-PGK-Neo-PIP-FUCCI

Record Creation Time: 20220422T221621+0000

Record Last Update: 20260808T080547+0000

Ratings and Alerts

No rating or validation information has been found for pLenti-PGK-Neo-PIP-FUCCI.

No alerts have been found for pLenti-PGK-Neo-PIP-FUCCI.

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 [SPARC SAWG](#) .

Citron F, et al. (2026) DPY30 Is an Epigenetic Decoupler Linking Replication Stress to Immunoediting in Pancreatic Cancer. *Cancer research*, 86(12), 2837.

Rao SB, et al. (2025) Aberrant pace of cortical neuron development in brain organoids from patients with 22q11.2 deletion syndrome-associated schizophrenia. *Nature communications*, 16(1), 6986.

Wang Y, et al. (2025) Evaluating cell cycle- and autophagy-associated cellular accumulation of lipid-based nanoparticles. *Nature communications*, 16(1), 5964.

Gertzmann D, et al. (2025) Oncogenic YAP sensitizes cells to CHK1 inhibition via CDK4/6 driven G1 acceleration. *EMBO reports*, 26(16), 4017.

Alahmari S, et al. (2024) Cell identity revealed by precise cell cycle state mapping links data modalities. *bioRxiv : the preprint server for biology*.

Awadia S, et al. (2023) The adapter protein FADD provides an alternate pathway for entry into the cell cycle by regulating APC/C-Cdh1 E3 ubiquitin ligase activity. *The Journal of biological chemistry*, 299(6), 104786.

Liu R, et al. (2023) Tumor removal limits prostate cancer cell dissemination in bone and osteoblasts induce cancer cell dormancy through focal adhesion kinase. *Journal of experimental & clinical cancer research : CR*, 42(1), 264.

Devany J, et al. (2023) Epithelial tissue confinement inhibits cell growth and leads to volume-reducing divisions. *Developmental cell*, 58(16), 1462.

Spina R, et al. (2022) DHODH inhibition impedes glioma stem cell proliferation, induces DNA damage, and prolongs survival in orthotopic glioblastoma xenografts. *Oncogene*, 41(50), 5361.

Slangen PLG, et al. (2022) Protocol for live-cell imaging during Tumor Treating Fields treatment with Inovitro Live. *STAR protocols*, 3(2), 101246.

Zhao J, et al. (2022) A PARylation-phosphorylation cascade promotes TOPBP1 loading and RPA-RAD51 exchange in homologous recombination. *Molecular cell*, 82(14), 2571.

Ghannoum S, et al. (2021) CellMAPtracer: A User-Friendly Tracking Tool for Long-Term Migratory and Proliferating Cells Associated with FUCCI Systems. *Cells*, 10(2).

Dos Santos Passos C, et al. (2021) Design of genetically encoded sensors to detect nucleosome ubiquitination in live cells. *The Journal of cell biology*, 220(4).