

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

pLenti PGK Hygro DEST (w530-1)

RRID:Addgene_19066

Type: Plasmid

Proper Citation

RRID:Addgene_19066

Plasmid Information

URL: <http://www.addgene.org/19066>

Proper Citation: RRID:Addgene_19066

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:10301; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: There are several mismatches between Addgene's quality control sequence and depositor's reference sequence. The mismatches are in non-coding regions and do not affect the features.

Plasmid Name: pLenti PGK Hygro DEST (w530-1)

Record Creation Time: 20220422T222044+0000

Record Last Update: 20260905T075332+0000

Ratings and Alerts

No rating or validation information has been found for pLenti PGK Hygro DEST (w530-1).

No alerts have been found for pLenti PGK Hygro DEST (w530-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Savani MR, et al. (2026) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. *Nature metabolism*, 8(5), 1124.

Maslah N, et al. (2025) JAK2 inhibition mediates clonal selection of RAS pathway mutations in myeloproliferative neoplasms. *Nature communications*, 16(1), 6270.

Ng PY, et al. (2023) Sugar transporter Slc37a2 regulates bone metabolism in mice via a tubular lysosomal network in osteoclasts. *Nature communications*, 14(1), 906.

Cai WL, et al. (2022) Human WDR5 promotes breast cancer growth and metastasis via KMT2-independent translation regulation. *eLife*, 11.

Radziskeuskaya A, et al. (2021) Complex-dependent histone acetyltransferase activity of KAT8 determines its role in transcription and cellular homeostasis. *Molecular cell*, 81(8), 1749.

Delfarah A, et al. (2021) Identification of a Proteomic Signature of Senescence in Primary Human Mammary Epithelial Cells. *Journal of proteome research*, 20(11), 5169.

Schild T, et al. (2021) NADK is activated by oncogenic signaling to sustain pancreatic ductal adenocarcinoma. *Cell reports*, 35(11), 109238.

Visnes T, et al. (2020) Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. *Nucleic acids research*, 48(21), 12234.

Mayor-Ruiz C, et al. (2020) Rational discovery of molecular glue degraders via scalable chemical profiling. *Nature chemical biology*, 16(11), 1199.

Han TW, et al. (2019) Chemically induced vesiculation as a platform for studying TMEM16F activity. *Proceedings of the National Academy of Sciences of the United States of America*, 116(4), 1309.

Radziskeuskaya A, et al. (2019) PRMT5 methylome profiling uncovers a direct link to splicing regulation in acute myeloid leukemia. *Nature structural & molecular biology*, 26(11), 999.

Delfarah A, et al. (2019) Inhibition of nucleotide synthesis promotes replicative senescence of human mammary epithelial cells. *The Journal of biological chemistry*, 294(27), 10564.

D'Arcy BM, et al. (2019) Development of a Synthetic 3-ketosteroid Δ^1 -dehydrogenase for the Generation of a Novel Catabolic Pathway Enabling Cholesterol Degradation in Human Cells. *Scientific reports*, 9(1), 5969.

Petkau N, et al. (2019) Acetylation of BMAL1 by TIP60 controls BRD4-P-TEFb recruitment to circadian promoters. *eLife*, 8.

Han T, et al. (2019) Interplay between c-Src and the APC/C co-activator Cdh1 regulates mammary tumorigenesis. *Nature communications*, 10(1), 3716.

Cortez LM, et al. (2019) APOBEC3A is a prominent cytidine deaminase in breast cancer. *PLoS genetics*, 15(12), e1008545.

Li Z, et al. (2018) hDNA2 nuclease/helicase promotes centromeric DNA replication and genome stability. *The EMBO journal*, 37(14).

Yu Z, et al. (2018) Identification of a transporter complex responsible for the cytosolic entry of nitrogen-containing bisphosphonates. *eLife*, 7.

McNeill RS, et al. (2018) PIK3CA missense mutations promote glioblastoma pathogenesis, but do not enhance targeted PI3K inhibition. *PloS one*, 13(7), e0200014.

Rehage N, et al. (2018) Binding of NUFIP2 to Roquin promotes recognition and regulation of ICOS mRNA. *Nature communications*, 9(1), 299.