Resource Summary Report

Generated by RRID on Aug 30, 2026

PL-SIN-Nanog-EGFP

RRID:Addgene_21321
Type: Plasmid

Proper Citation

RRID:Addgene_21321

Plasmid Information

URL: http://www.addgene.org/21321

Proper Citation: RRID:Addgene_21321

Insert Name: Enhanced Green Fluorescence Protein

Bacterial Resistance: Ampicillin

Defining Citation: PMID:19404254

Vector Backbone Description: Backbone Marker:Buzina et al., PLoS Genetics, 2008; Backbone Size:6531; Vector Backbone:PL-SIN lentiviral vector; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: EGFP driven by Nanog promoter. PL-SIN lentiviral vector (Buzina et al., PLoS Genetics, 2008) requires Tat cDNA for lentivirus production, as well as other packaging cDNAs (Gag/pol, Rev, and VSV-G).

Plasmid Name: PL-SIN-Nanog-EGFP

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260829T080201+0000

Ratings and Alerts

No rating or validation information has been found for PL-SIN-Nanog-EGFP.

No alerts have been found for PL-SIN-Nanog-EGFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Penas C, et al. (2020) RKIP Regulates Differentiation-Related Features in Melanocytic Cells. Cancers, 12(6).

Buczek ME, et al. (2018) Identification and Isolation of Cancer Stem Cells Using NANOG-EGFP Reporter System. Methods in molecular biology (Clifton, N.J.), 1692, 139.

Hawkins KE, et al. (2017) Human Amniocytes Are Receptive to Chemically Induced Reprogramming to Pluripotency. Molecular therapy : the journal of the American Society of Gene Therapy, 25(2), 427.

Rong XX, et al. (2016) Recognition and killing of cancer stem-like cell population in hepatocellular carcinoma cells by cytokine-induced killer cells via NKG2d-ligands recognition. Oncoimmunology, 5(3), e1086060.

Pandolfini L, et al. (2016) RISC-mediated control of selected chromatin regulators stabilizes ground state pluripotency of mouse embryonic stem cells. Genome biology, 17(1), 94.

Vedagiri D, et al. (2016) An Atypical System for Studying Epithelial-Mesenchymal Transition in Hepatocellular Carcinoma. Scientific reports, 6, 26282.

Wei F, et al. (2015) Cytokine-induced killer cells efficiently kill stem-like cancer cells of nasopharyngeal carcinoma via the NKG2D-ligands recognition. Oncotarget, 6(33), 35023.