

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

PL-SIN-EOS-S(4+)-EiP

RRID:Addgene_21314

Type: Plasmid

Proper Citation

RRID:Addgene_21314

Plasmid Information

URL: <http://www.addgene.org/21314>

Proper Citation: RRID:Addgene_21314

Insert Name: Enhanced Green Fluorescence Protein, Puromycin resistance gene

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19404254](#)

Vector Backbone Description: Backbone Marker:Buzina et al., PLoS Genetics, 2008; Backbone Size:6626; Vector Backbone:PL-SIN lentiviral vector; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: EGFP and Puro resistance genes driven by EOS-S(4+) 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-EOS-S(4+)-EiP

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260815T081202+0000

Ratings and Alerts

No rating or validation information has been found for PL-SIN-EOS-S(4+)-EiP.

No alerts have been found for PL-SIN-EOS-S(4+)-EiP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Blum W, et al. (2018) Biological noise and positional effects influence cell stemness. The Journal of biological chemistry, 293(14), 5247.

Blum W, et al. (2017) Stem Cell Factor-Based Identification and Functional Properties of In??Vitro-Selected Subpopulations of Malignant Mesothelioma Cells. Stem cell reports, 8(4), 1005.

Moore JB, et al. (2015) Epigenetic reprogramming and re-differentiation of a Ewing sarcoma cell line. Frontiers in cell and developmental biology, 3, 15.

Ovchinnikov DA, et al. (2014) Transgenic human ES and iPS reporter cell lines for identification and selection of pluripotent stem cells in vitro. Stem cell research, 13(2), 251.

Hotta A, et al. (2009) EOS lentiviral vector selection system for human induced pluripotent stem cells. Nature protocols, 4(12), 1828.