Resource Summary Report

Generated by RRID on Aug 17, 2026

pNLS-iRFP670

RRID:Addgene_45466
Type: Plasmid

Proper Citation

RRID:Addgene_45466

Plasmid Information

URL: http://www.addgene.org/45466

Proper Citation: RRID:Addgene_45466

Insert Name: iRFP670

Organism: Rhodopseudomonas palustris

Bacterial Resistance: Kanamycin

Defining Citation: PMID:23770755

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4055; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pNLS-iRFP670

Relevant Mutation: T2A, S45T, V116I, D124E, M170L, K180M, D202L, I203V, I219V, R233H, V251I, V254C, Y258F, A283I, F307L relative to RpBphP6

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260815T081524+0000

Ratings and Alerts

No rating or validation information has been found for pNLS-iRFP670.

No alerts have been found for pNLS-iRFP670.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Antwi EB, et al. (2023) Requirements for mammalian promoters to decode transcription factor dynamics. Nucleic acids research, 51(9), 4674.

Gr??nloh MLB, et al. (2023) Primary adhered neutrophils increase JNK1-MARCKSL1-mediated filopodia to promote secondary neutrophil transmigration. iScience, 26(8), 107406.

Couturier L, et al. (2022) HaloTag-based reporters for sparse labeling and cell tracking. Fly, 16(1), 360.

Yang JM, et al. (2021) Deciphering cell signaling networks with massively multiplexed biosensor barcoding. Cell, 184(25), 6193.

Yau KC, et al. (2020) RanBP1 controls the Ran pathway in mammalian cells through regulation of mitotic RCC1 dynamics. Cell cycle (Georgetown, Tex.), 19(15), 1899.

Reichmann J, et al. (2018) Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. Science (New York, N.Y.), 361(6398), 189.

Vadnais C, et al. (2018) GFI1 facilitates efficient DNA repair by regulating PRMT1 dependent methylation of MRE11 and 53BP1. Nature communications, 9(1), 1418.

Swaminathan S, et al. (2015) Mechanisms of clonal evolution in childhood acute lymphoblastic leukemia. Nature immunology, 16(7), 766.