

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pLH-sgRNA1-2XPP7

RRID:Addgene_75390

Type: Plasmid

Proper Citation

RRID:Addgene_75390

Plasmid Information

URL: <http://www.addgene.org/75390>

Proper Citation: RRID:Addgene_75390

Insert Name: sgRNA1-2XPP7

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27088723](#)

Vector Backbone Description: Backbone Size:8000; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Want all of the CRISPRainbow constructs? Request the set here:
<https://www.addgene.org/kits/pederson-crisprainbow/>

Plasmid Name: pLH-sgRNA1-2XPP7

Record Creation Time: 20220422T222458+0000

Record Last Update: 20260902T050137+0000

Ratings and Alerts

No rating or validation information has been found for pLH-sgRNA1-2XPP7.

No alerts have been found for pLH-sgRNA1-2XPP7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Versosky TJ, et al. (2025) Real-Time Imaging of Specific Genomic Loci With CRISPR/dCas9 in Human Cells Using CRISPRainbow. *Bio-protocol*, 15(17), e5432.

Tian R, et al. (2023) HPV integration generates a cellular super-enhancer which functions as ecDNA to regulate genome-wide transcription. *Nucleic acids research*, 51(9), 4237.

Lyu XY, et al. (2022) CRISPR FISHer enables high-sensitivity imaging of nonrepetitive DNA in living cells through phase separation-mediated signal amplification. *Cell research*, 32(11), 969.

Chan WF, et al. (2021) Identification and characterization of the long noncoding RNA Dreg1 as a novel regulator of Gata3. *Immunology and cell biology*, 99(3), 323.

Wang X, et al. (2021) N6-methyladenosine modification of MALAT1 promotes metastasis via reshaping nuclear speckles. *Developmental cell*, 56(5), 702.

Nava MM, et al. (2020) Heterochromatin-Driven Nuclear Softening Protects the Genome against Mechanical Stress-Induced Damage. *Cell*, 181(4), 800.