

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pPUR-hU6-sgRNA-Sirius-8XMS2

RRID:Addgene_121942

Type: Plasmid

Proper Citation

RRID:Addgene_121942

Plasmid Information

URL: <http://www.addgene.org/121942>

Proper Citation: RRID:Addgene_121942

Insert Name: sgRNA-Sirius-8XMS2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30377374](#)

Vector Backbone Description: Backbone Size:8486; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pPUR-hU6-sgRNA-Sirius-8XMS2

Record Creation Time: 20220422T221638+0000

Record Last Update: 20260725T073648+0000

Ratings and Alerts

No rating or validation information has been found for pPUR-hU6-sgRNA-Sirius-8XMS2.

No alerts have been found for pPUR-hU6-sgRNA-Sirius-8XMS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

K??hler AR, et al. (2024) Modular dual-color BiAD sensors for locus-specific readout of epigenome modifications in single cells. *Cell reports methods*, 4(4), 100739.

Pujadas Liwag EM, et al. (2024) Depletion of lamins B1 and B2 promotes chromatin mobility and induces differential gene expression by a mesoscale-motion-dependent mechanism. *Genome biology*, 25(1), 77.

Shim AR, et al. (2024) Formamide denaturation of double-stranded DNA for fluorescence in situ hybridization (FISH) distorts nanoscale chromatin structure. *PloS one*, 19(5), e0301000.

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.