

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pICE-RNaseHI-WT-NLS-mCherry

RRID:Addgene_60365

Type: Plasmid

Proper Citation

RRID:Addgene_60365

Plasmid Information

URL: <http://www.addgene.org/60365>

Proper Citation: RRID:Addgene_60365

Insert Name: RNase HI

Organism: Escherichia coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25030905](#)

Vector Backbone Description: Backbone Size:5044; Vector Backbone:pICE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pICE-RNaseHI-WT-NLS-mCherry

Record Creation Time: 20220422T222347+0000

Record Last Update: 20260808T081920+0000

Ratings and Alerts

No rating or validation information has been found for pICE-RNaseHI-WT-NLS-mCherry.

No alerts have been found for pICE-RNaseHI-WT-NLS-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Deriglazov DA, et al. (2026) Olivetol induces a non-genotoxic nucleolar DNA damage response via membrane-dependent stress signaling. *Nucleus* (Austin, Tex.), 17(1), 2672818.

Asghar A, et al. (2025) LANA-dependent transcription-replication conflicts and R-loops at the terminal repeats (TR) correlate with KSHV episome maintenance. *PLoS pathogens*, 21(8), e1013029.

Arnould C, et al. (2023) Chromatin compartmentalization regulates the response to DNA damage. *Nature*, 623(7985), 183.

Martin RM, et al. (2023) Live-cell imaging unveils distinct R-loop populations with heterogeneous dynamics. *Nucleic acids research*, 51(20), 11010.

Van den Broeck T, et al. (2022) Antizyme Inhibitor 1 Regulates Matrikine Expression and Enhances the Metastatic Potential of Aggressive Primary Prostate Cancer. *Molecular cancer research : MCR*, 20(4), 527.

Guh CY, et al. (2022) XPF activates break-induced telomere synthesis. *Nature communications*, 13(1), 5781.

Velichko AK, et al. (2021) Treacle and TOPBP1 control replication stress response in the nucleolus. *The Journal of cell biology*, 220(8).

Park K, et al. (2021) Aicardi-Gouti??res syndrome-associated gene SAMHD1 preserves genome integrity by preventing R-loop formation at transcription-replication conflict regions. *PLoS genetics*, 17(4), e1009523.

Eldridge MJG, et al. (2021) Histone H3 deacetylation promotes host cell viability for efficient infection by *Listeria monocytogenes*. *PLoS pathogens*, 17(12), e1010173.

Lee JH, et al. (2021) Poly-ADP-ribosylation drives loss of protein homeostasis in ATM and Mre11 deficiency. *Molecular cell*, 81(7), 1515.

Choo JAMY, et al. (2020) The integrated stress response induces R-loops and hinders replication fork progression. *Cell death & disease*, 11(7), 538.

Wohlberedt K, et al. (2020) Mdm4 supports DNA replication in a p53-independent fashion. *Oncogene*, 39(25), 4828.

Sharma M, et al. (2020) Nucleocytoplasmic shuttling of Gle1 impacts DDX1 at transcription termination sites. *Molecular biology of the cell*, 31(21), 2398.

Yu Z, et al. (2020) DDX5 resolves R-loops at DNA double-strand breaks to promote DNA repair and avoid chromosomal deletions. *NAR cancer*, 2(3), zcaa028.

Pan X, et al. (2019) FANCM suppresses DNA replication stress at ALT telomeres by disrupting TERRA R-loops. *Scientific reports*, 9(1), 19110.

Klusmann I, et al. (2018) Chromatin modifiers Mdm2 and RNF2 prevent RNA:DNA hybrids that impair DNA replication. *Proceedings of the National Academy of Sciences of the United States of America*, 115(48), E11311.

Andrews AM, et al. (2018) A senataxin-associated exonuclease SAN1 is required for resistance to DNA interstrand cross-links. *Nature communications*, 9(1), 2592.