

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

phage-ubc-nls-ha-tdMCP-gfp

RRID:Addgene_40649

Type: Plasmid

Proper Citation

RRID:Addgene_40649

Plasmid Information

URL: <http://www.addgene.org/40649>

Proper Citation: RRID:Addgene_40649

Insert Name: tdMCP-gfp

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22735544](#)

Vector Backbone Description: Vector Backbone:pHAGE-UBC-RIG (modified); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The linker region between the two MCPs is ATCTACGCCATGGCTTCT

Plasmid Name: phage-ubc-nls-ha-tdMCP-gfp

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081438+0000

Ratings and Alerts

No rating or validation information has been found for phage-ubc-nls-ha-tdMCP-gfp.

No alerts have been found for phage-ubc-nls-ha-tdMCP-gfp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Escrivani DO, et al. (2025) A non-coding role for trypanosome VSG transcripts in allelic exclusion. *Nucleic acids research*, 53(19).

Lee C, et al. (2025) Optogenetic storage and release of protein and mRNA in live cells and animals. *Nature communications*, 16(1), 6230.

Sirois CL, et al. (2024) CGG repeats in the human FMR1 gene regulate mRNA localization and cellular stress in developing neurons. *Cell reports*, 43(6), 114330.

Hildebrandt RP, et al. (2023) Muscleblind-like proteins use modular domains to localize RNAs by riding kinesins and docking to membranes. *Nature communications*, 14(1), 3427.

Jansova D, et al. (2021) Single Molecule RNA Localization and Translation in the Mammalian Oocyte and Embryo. *Journal of molecular biology*, 433(19), 167166.

Pichon X, et al. (2021) The kinesin KIF1C transports APC-dependent mRNAs to cell protrusions. *RNA (New York, N.Y.)*, 27(12), 1528.

Yu JE, et al. (2020) Long Noncoding RNA DANCER Activates Wnt/ β -Catenin Signaling through MiR-216a Inhibition in Non-Small Cell Lung Cancer. *Biomolecules*, 10(12).

Chen B, et al. (2020) Live cell imaging and proteomic profiling of endogenous NEAT1 lncRNA by CRISPR/Cas9-mediated knock-in. *Protein & cell*, 11(9), 641.

Cawte AD, et al. (2020) Live cell imaging of single RNA molecules with fluorogenic Mango II arrays. *Nature communications*, 11(1), 1283.

Xu H, et al. (2020) TriTag: an integrative tool to correlate chromatin dynamics and gene expression in living cells. *Nucleic acids research*, 48(22), e127.

Chen X, et al. (2019) Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. *Nature biotechnology*, 37(11), 1287.

Vítor AC, et al. (2019) Single-molecule imaging of transcription at damaged chromatin. *Science advances*, 5(1), eaau1249.

Bauer KE, et al. (2019) Live cell imaging reveals 3'-UTR dependent mRNA sorting to synapses. *Nature communications*, 10(1), 3178.

Moissoglu K, et al. (2019) Translational regulation of protrusion-localized RNAs involves silencing and clustering after transport. *eLife*, 8.

Shao S, et al. (2018) Multiplexed sgRNA Expression Allows Versatile Single Nonrepetitive DNA Labeling and Endogenous Gene Regulation. *ACS synthetic biology*, 7(1), 176.

Sun J, et al. (2018) Maternal Ybx1 safeguards zebrafish oocyte maturation and maternal-to-zygotic transition by repressing global translation. *Development* (Cambridge, England), 145(19).

Bauer KE, et al. (2017) Visualizing RNA granule transport and translation in living neurons. *Methods* (San Diego, Calif.), 126, 177.

Haimovich G, et al. (2017) Intercellular mRNA trafficking via membrane nanotube-like extensions in mammalian cells. *Proceedings of the National Academy of Sciences of the United States of America*, 114(46), E9873.

Eades G, et al. (2015) lincRNA-RoR and miR-145 regulate invasion in triple-negative breast cancer via targeting ARF6. *Molecular cancer research : MCR*, 13(2), 330.

Campbell PD, et al. (2015) Dynamic visualization of transcription and RNA subcellular localization in zebrafish. *Development* (Cambridge, England), 142(7), 1368.