

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

3xHA-miniTurbo-NLS_pCDNA3

RRID:Addgene_107172

Type: Plasmid

Proper Citation

RRID:Addgene_107172

Plasmid Information

URL: <http://www.addgene.org/107172>

Proper Citation: RRID:Addgene_107172

Insert Name: miniTurbo (BirA mutant)

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30125270](#)

Vector Backbone Description: Vector Backbone:pCDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/early/2017/10/02/196980> for BioRxiv preprint

Plasmid Name: 3xHA-miniTurbo-NLS_pCDNA3

Relevant Mutation: aa1-63 deleted; Q65P, I87V, R118S, E140K, Q141R, S150G, L151P, V160A, T192A, K194I, M209V, I305V

Record Creation Time: 20220422T221519+0000

Record Last Update: 20260815T080107+0000

Ratings and Alerts

No rating or validation information has been found for 3xHA-miniTurbo-NLS_pCDNA3.

No alerts have been found for 3xHA-miniTurbo-NLS_pCDNA3.

Data and Source Information

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Shaheen MT, et al. (2026) The Lysine Demethylase KDM4C Is an Oncogenic Driver and Regulates ERK Activity in KRAS-Mutant Pancreatic Ductal Adenocarcinoma. *Cancer research communications*, 6(1), 245.

Bhuiyan T, et al. (2025) TAF2 condensation in nuclear speckles links basal transcription factor TFIID to RNA splicing factors. *Cell reports*, 44(5), 115616.

Sankar DS, et al. (2024) The ULK1 effector BAG2 regulates autophagy initiation by modulating AMBRA1 localization. *Cell reports*, 43(9), 114689.

Stockhammer A, et al. (2024) When less is more - a fast TurboID knock-in approach for high-sensitivity endogenous interactome mapping. *Journal of cell science*, 137(16).

Cenik BK, et al. (2024) TurboCas: A method for locus-specific labeling of genomic regions and isolating their associated protein interactome. *Molecular cell*, 84(24), 4929.

Iki T, et al. (2023) miRNA/siRNA-directed pathway to produce noncoding piRNAs from endogenous protein-coding regions ensures Drosophila spermatogenesis. *Science advances*, 9(29), eadh0397.

Wolf BK, et al. (2023) Cooperation of chromatin remodeling SWI/SNF complex and pioneer factor AP-1 shapes 3D enhancer landscapes. *Nature structural & molecular biology*, 30(1), 10.

LaPak KM, et al. (2023) Proximity proteomic analysis of the NRF family reveals the Parkinson's disease protein ZNF746/PARIS as a co-complexed repressor of NRF2. *Science signaling*, 16(815), eadi9018.

Dolliver SM, et al. (2022) Nsp1 proteins of human coronaviruses HCoV-OC43 and SARS-CoV2 inhibit stress granule formation. *PLoS pathogens*, 18(12), e1011041.

Liu Y, et al. (2022) Spatiotemporal Proximity Labeling Tools to Track GlcNAc Sugar-Modified Functional Protein Hubs during Cellular Signaling. *ACS chemical biology*, 17(8), 2153.

Ambekar SV, et al. (2022) TurboID Identification of Evolutionarily Divergent Components of the Nuclear Pore Complex in the Malaria Model *Plasmodium berghei*. *mBio*, 13(5), e0181522.

Piët ACA, et al. (2022) Proximity Ligation Mapping of Microcephaly Associated SMPD4 Shows Association with Components of the Nuclear Pore Membrane. *Cells*, 11(4).

Gillis NE, et al. (2022) Thyroid hormone dependent transcriptional programming by TR? requires SWI/SNF chromatin remodelers. *Nucleic acids research*, 50(3), 1382.

Santos-Barriopedro I, et al. (2021) Off-the-shelf proximity biotinylation for interaction proteomics. *Nature communications*, 12(1), 5015.

Murray-Nerger LA, et al. (2021) Lamin B1 acetylation slows the G1 to S cell cycle transition through inhibition of DNA repair. *Nucleic acids research*, 49(4), 2044.

Estell C, et al. (2021) ZC3H4 restricts non-coding transcription in human cells. *eLife*, 10.

May DG, et al. (2020) Comparative Application of BioID and TurboID for Protein-Proximity Biotinylation. *Cells*, 9(5).