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

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 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.

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.

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.

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

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

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.

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

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.

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

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).