

Resource Summary Report

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

3xHA-TurboID-NLS_pCDNA3

RRID:Addgene_107171

Type: Plasmid

Proper Citation

RRID:Addgene_107171

Plasmid Information

URL: <http://www.addgene.org/107171>

Proper Citation: RRID:Addgene_107171

Insert Name: TurboID (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-TurboID-NLS_pCDNA3

Relevant Mutation: Q65P, I87V, R118S, E140K, Q141R, S150G, L151P, V160A, T192A, K194I, M209V, M241T, S263P, I305V

Record Creation Time: 20220422T221519+0000

Record Last Update: 20260815T080107+0000

Ratings and Alerts

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

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

Data and Source Information

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Chanthra N, et al. (2026) Transcriptome-based maturation assessment revealed pro-maturation transcription factors of cardiomyocytes. *Frontiers in bioengineering and biotechnology*, 14, 1717996.

Smith E, et al. (2025) Molecular interactions of Chd8 in mouse brain highlights a role in chromatin-associated RNA processing. *bioRxiv : the preprint server for biology*.

Yeat NY, et al. (2025) Bro1 proteins determine tumor immune evasion and metastasis by controlling secretion or degradation of multivesicular bodies. *Developmental cell*, 60(15), 2114.

Tseng PL, et al. (2025) Protocol to identify mechanosensitive nuclear proteins using tunable actomyosin contractility and proximity biotinylation in mammalian cells. *STAR protocols*, 7(1), 104288.

Aleman C, et al. (2025) Influenza A virus induces PI4P production at the endoplasmic reticulum in an ATG16L1-dependent manner to promote the egress of viral ribonucleoproteins. *PLoS biology*, 23(7), e3002958.

Zijlmans DW, et al. (2025) PRC1 and PRC2 proximal interactome in mouse embryonic stem cells. *Cell reports*, 44(3), 115362.

Battison AS, et al. (2025) APEX2 and TurboID define unique subcellular proteomes. *Scientific reports*, 15(1), 43547.

Rittenhouse NL, et al. (2025) Unraveling the cohesin-chromatin interface: identifying protein interactions that modulate chromosome structure and function. *Epigenetics & chromatin*, 18(1), 31.

Liu AZ, et al. (2025) The scaffold protein PRR14L links the PP2A-TACC3 axis to mitotic fidelity and sensitivity to MPS1 inhibition. *bioRxiv : the preprint server for biology*.

Tseng PL, et al. (2025) Mechanical control of the alternative splicing factor PTBP1 regulates extracellular matrix stiffness induced proliferation and cell spreading. *iScience*, 28(4), 112273.

de Mattos K, et al. (2025) Identification of MEF2A, MEF2C, and MEF2D interactomes in basal and Fsk-stimulated mouse MA-10 Leydig cells. *Andrology*.

Bell-Simons M, et al. (2025) Tau Axonal Sorting and Interaction With Synaptic Plasticity Modulators Is Domain- and Isoform-Dependent in Human iPSC-Derived Neurons. *Aging cell*, 24(11), e70215.

Krajewska M, et al. (2024) Interaction of ROMK2 channel with lipid kinases DGKE and AGK: Potential channel activation by localized anionic lipid synthesis. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1869(2), 159443.

Turan G, et al. (2024) Dynamic proximity interaction profiling suggests that YPEL2 is involved in cellular stress surveillance. *Protein science : a publication of the Protein Society*, 33(2), e4859.

Espejo-Serrano C, et al. (2024) Chromatin targeting of the RNF12/RLIM E3 ubiquitin ligase controls transcriptional responses. *Life science alliance*, 7(3).

Noguchi K, et al. (2024) Multi-omics analysis using antibody-based in situ biotinylation technique suggests the mechanism of Cajal body formation. *Cell reports*, 43(9), 114734.

Ho PJ, et al. (2024) Multi-omics integration identifies cell-state-specific repression by PBRM1-PIAS1 cooperation. *Cell genomics*, 4(1), 100471.

Sacristan C, et al. (2024) Vertebrate centromeres in mitosis are functionally bipartite structures stabilized by cohesin. *Cell*, 187(12), 3006.

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).

Rona G, et al. (2024) CDK-independent role of D-type cyclins in regulating DNA mismatch repair. *Molecular cell*.