

Resource Summary Report

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

C1(1-29)-TurboID-V5_pCDNA3

RRID:Addgene_107173

Type: Plasmid

Proper Citation

RRID:Addgene_107173

Plasmid Information

URL: <http://www.addgene.org/107173>

Proper Citation: RRID:Addgene_107173

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: C1(1-29)-TurboID-V5_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: 20260815T080109+0000

Ratings and Alerts

No rating or validation information has been found for C1(1-29)-TurboID-V5_pCDNA3.

No alerts have been found for C1(1-29)-TurboID-V5_pCDNA3.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Hayase J, et al. (2026) E- and N-cadherin drive hepatic polarity and lumen elongation via opposing effects on RhoA activity. *The Journal of cell biology*, 225(8).

Dickmander RJ, et al. (2025) RNA-targeted proteomics identifies YBX1 as critical for efficient HCMV mRNA translation. *Proceedings of the National Academy of Sciences of the United States of America*, 122(10), e2421155122.

Hayase J, et al. (2025) E- and N-cadherin drive hepatic polarity and lumen elongation via opposing effects on RhoA activity. *bioRxiv : the preprint server for biology*.

Makar AN, et al. (2024) The V-ATPase complex component RNAseK is required for lysosomal hydrolase delivery and autophagosome degradation. *Nature communications*, 15(1), 7743.

Hashimoto M, et al. (2024) Proximity labeling and identification of endogenous client proteins recruited to Y15-based artificial granules tethering a bait protein. *Journal of peptide science : an official publication of the European Peptide Society*, 30(2), e3536.

Yagi H, et al. (2024) Molecular tag for promoting N-glycan maturation in the cargo receptor-mediated secretion pathway. *iScience*, 27(12), 111457.

Feizy N, et al. (2024) In vivo identification of Drosophila rhodopsin interaction partners by biotin proximity labeling. *Scientific reports*, 14(1), 1986.

Wellens R, et al. (2024) Proximity labelling of pro-interleukin-1?? reveals evolutionary conserved nuclear interactions. *Nature communications*, 15(1), 6750.

Cao X, et al. (2022) Proximity Labeling Reveals Spatial Regulation of the Anaphase-Promoting Complex/Cyclosome by a Microtubule Adaptor. *ACS chemical biology*, 17(9), 2605.

Chevalier B, et al. (2022) Differential CFTR-Interactome Proximity Labeling Procedures Identify Enrichment in Multiple SLC Transporters. *International journal of molecular sciences*, 23(16).

Kim KE, et al. (2021) Dynamic tracking and identification of tissue-specific secretory proteins in the circulation of live mice. *Nature communications*, 12(1), 5204.