

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

BASU RaPID plasmid

RRID:Addgene_107250

Type: Plasmid

Proper Citation

RRID:Addgene_107250

Plasmid Information

URL: <http://www.addgene.org/107250>

Proper Citation: RRID:Addgene_107250

Insert Name: BASU

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29400715](#)

Vector Backbone Description: Vector Backbone:pLEX; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The BASU protein sequence has 4 mutations relative to wild type Bacillus subtilis biotin ligase (Uniprot P0CI75): N terminal truncation of 65 aa, R124G, E323S and G325R.

Plasmid Name: BASU RaPID plasmid

Record Creation Time: 20220422T221520+0000

Record Last Update: 20260725T073430+0000

Ratings and Alerts

No rating or validation information has been found for BASU RaPID plasmid.

No alerts have been found for BASU RaPID plasmid.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Giambruno R, et al. (2023) Unveiling the role of PUS7-mediated pseudouridylation in host protein interactions specific for the SARS-CoV-2 RNA genome. *Molecular therapy. Nucleic acids*, 34, 102052.

Kumar S, et al. (2023) RNA-Protein Interactome at the Hepatitis E Virus Internal Ribosome Entry Site. *Microbiology spectrum*, 11(4), e0282722.

Verma R, et al. (2021) RNA-Protein Interaction Analysis of SARS-CoV-2 5' and 3' Untranslated Regions Reveals a Role of Lysosome-Associated Membrane Protein-2a during Viral Infection. *mSystems*, 6(4), e0064321.

Yi W, et al. (2020) CRISPR-assisted detection of RNA-protein interactions in living cells. *Nature methods*, 17(7), 685.

Hutter K, et al. (2020) SAFB2 Enables the Processing of Suboptimal Stem-Loop Structures in Clustered Primary miRNA Transcripts. *Molecular cell*, 78(5), 876.

Villase??or R, et al. (2020) ChromID identifies the protein interactome at chromatin marks. *Nature biotechnology*, 38(6), 728.

Huang MS, et al. (2020) SLC38A2 Overexpression Induces a Cancer-like Metabolic Profile and Cooperates with SLC1A5 in Pan-cancer Prognosis. *Chemistry, an Asian journal*, 15(22), 3861.

Liu CH, et al. (2020) Combining Proximity Labeling and Cross-Linking Mass Spectrometry for Proteomic Dissection of Nuclear Envelope Interactome. *Journal of proteome research*, 19(3), 1109.

Mirza AN, et al. (2019) LAP2 Proteins Chaperone GLI1 Movement between the Lamina and Chromatin to Regulate Transcription. *Cell*, 176(1-2), 198.