

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pMTB2-NLS-BirA-2A-mCherry_Ras

RRID:Addgene_80067

Type: Plasmid

Proper Citation

RRID:Addgene_80067

Plasmid Information

URL: <http://www.addgene.org/80067>

Proper Citation: RRID:Addgene_80067

Insert Name: Biotin ligase (BirA) with nuclear localization signal (NLS), a Thosea asigna virus peptide (2A), and mCherry protein

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28402863](#)

Vector Backbone Description: Backbone Size:6306; Vector Backbone:pMT; Vector Types:Bacterial Expression, zebrafish biotagging; Bacterial Resistance:Ampicillin

Plasmid Name: pMTB2-NLS-BirA-2A-mCherry_Ras

Record Creation Time: 20220422T222524+0000

Record Last Update: 20260815T082036+0000

Ratings and Alerts

No rating or validation information has been found for pMTB2-NLS-BirA-2A-mCherry_Ras.

No alerts have been found for pMTB2-NLS-BirA-2A-mCherry_Ras.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ackerman CM, et al. (2018) Multimodal LA-ICP-MS and nanoSIMS imaging enables copper mapping within photoreceptor megamitochondria in a zebrafish model of Menkes disease. *Metallomics : integrated biometal science*, 10(3), 474.