

# Resource Summary Report

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

## pDule2-3-nitroTyrosine (5B)

RRID:Addgene\_85499

Type: Plasmid

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### Proper Citation

RRID:Addgene\_85499

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### Plasmid Information

**URL:** <http://www.addgene.org/85499>

**Proper Citation:** RRID:Addgene\_85499

**Insert Name:** 3-nitroTyrosine tRNA synthetase and cognate amber suppressing tRNA derived from M. jannaschii Tyrosine synthetase/tRNA system

**Organism:** Methanocaldococcus jannaschii

**Bacterial Resistance:** Spectinomycin

**Defining Citation:** [PMID:24611875](#)

**Vector Backbone Description:** Backbone Size:5400; Vector Backbone:pDule2; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

**Plasmid Name:** pDule2-3-nitroTyrosine (5B)

**Relevant Mutation:** Y32H H70C D158S I159A L162R

**Record Creation Time:** 20220422T222550+0000

**Record Last Update:** 20260815T082125+0000

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### Ratings and Alerts

No rating or validation information has been found for pDule2-3-nitroTyrosine (5B).

No alerts have been found for pDule2-3-nitroTyrosine (5B).

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We have not found any literature mentions for this resource.