

Resource Summary Report

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

pDule2-3-nitroTyrosine (5B)

RRID:Addgene_85499

Type: Plasmid

Proper Citation

RRID:Addgene_85499

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

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).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.