

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pDule-3-nitroTyrosine (A7)

RRID:Addgene_174078

Type: Plasmid

Proper Citation

RRID:Addgene_174078

Plasmid Information

URL: <http://www.addgene.org/174078>

Proper Citation: RRID:Addgene_174078

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

Organism: *Methanocaldococcus jannaschii*

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:32569745](#)

Vector Backbone Description: Backbone Size:5412; Vector Backbone:pDule; Vector Types:Bacterial Expression; Bacterial Resistance:Tetracycline

Plasmid Name: pDule-3-nitroTyrosine (A7)

Relevant Mutation: Y32H H70T D158H I159A L162R

Record Creation Time: 20220422T222007+0000

Record Last Update: 20260808T081244+0000

Ratings and Alerts

No rating or validation information has been found for pDule-3-nitroTyrosine (A7).

No alerts have been found for pDule-3-nitroTyrosine (A7).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.