

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pDB007ns2a](#)

RRID:Addgene_99214

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/99214>

Proper Citation: RRID:Addgene_99214

Insert Name: Ppsp [SD8] gIII; PproK tyrT(Opt,CUA); Ptet [SD4] T7RNAP(S12*,S203*)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29035361](#)

Vector Backbone Description: Backbone Marker:David Liu Lab; Backbone Size:2921; Vector Backbone:SC101; Vector Types;; Bacterial Resistance:Ampicillin

Plasmid Name: pDB007ns2a

Relevant Mutation: amber codons at positions 12 and 203 of T7 RNA polymerase

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082243+0000

Ratings and Alerts

No rating or validation information has been found for pDB007ns2a.

No alerts have been found for pDB007ns2a.

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](#) .

Dakhnevich A, et al. (2026) Expanding the genetic code: phage-driven evolution of pyrrolysyl-synthetase for site-specific incorporation of synthetic phenylalanine and tyrosine derivatives. Frontiers in molecular biosciences, 13, 1737987.