

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pN565](#)

RRID:Addgene_49990

Type: Plasmid

Proper Citation

RRID:Addgene_49990

Plasmid Information

URL: <http://www.addgene.org/49990>

Proper Citation: RRID:Addgene_49990

Insert Name: T7 RNAP*

Organism: Bacteriophage T7

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:24169405](#)

Vector Backbone Description: Vector Backbone:pIncW; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Spectinomycin

Comments: CDS of the T7 RNAP starts with the GTG at the beginning of the sequence.

Plasmid Name: pN565

Relevant Mutation: R632S

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260815T081605+0000

Ratings and Alerts

No rating or validation information has been found for pN565.

No alerts have been found for pN565.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yan Q, et al. (2023) Study on the Properties and Synergistic Antioxidant Effects of Novel Bifunctional Fusion Proteins Expressed Using the UTuT6 System. *Antioxidants* (Basel, Switzerland), 12(9).

Fan Z, et al. (2022) Reactive Human Plasma Glutathione Peroxidase Mutant with Diselenide Bond Succeeds in Tetramer Formation. *Antioxidants* (Basel, Switzerland), 11(6).

Liow LT, et al. (2020) Toolkit Development for Cyanogenic and Gold Biorecovery Chassis *Chromobacterium violaceum*. *ACS synthetic biology*, 9(4), 953.

Schober AF, et al. (2019) A Two-Enzyme Adaptive Unit within Bacterial Folate Metabolism. *Cell reports*, 27(11), 3359.