

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

pSP6-RNAP

RRID:Addgene_48143

Type: Plasmid

Proper Citation

RRID:Addgene_48143

Plasmid Information

URL: <http://www.addgene.org/48143>

Proper Citation: RRID:Addgene_48143

Insert Name: rna polymerase SP6

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20596705](#)

Vector Backbone Description: Backbone Marker:Gamer et al., 2009; Vector Backbone:pMGBm19; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Please note that the V313A mutation in RNAP was present in the original sample and functions as described in the publication.

Plasmid Name: pSP6-RNAP

Relevant Mutation: V314A (numbering based on NCBI Sequence ID: NP_853568.1)

Record Creation Time: 20220422T222247+0000

Record Last Update: 20260829T080613+0000

Ratings and Alerts

No rating or validation information has been found for pSP6-RNAP.

No alerts have been found for pSP6-RNAP.

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 [dkNET](#) .

Nehru G, et al. (2020) Production and characterization of low molecular weight heparosan in *Bacillus megaterium* using *Escherichia coli* K5 glycosyltransferases. International journal of biological macromolecules, 160, 69.