

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pC0.053

RRID:Addgene_119571

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/119571>

Proper Citation: RRID:Addgene_119571

Insert Name: PnirA

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30819783](#)

Vector Backbone Description: Backbone Size:2247; Vector Backbone:PICH41295; Vector Types:Synthetic Biology; Bacterial Resistance:Spectinomycin

Comments: NO3- inducible promoter from the nir operon. Please visit <https://www.biorxiv.org/content/10.1101/426700v1> for bioRxiv preprint.

Plasmid Name: pC0.053

Relevant Mutation: RBS* added (22 bp) upstream of ATG.

Record Creation Time: 20220422T221625+0000

Record Last Update: 20260725T073624+0000

Ratings and Alerts

No rating or validation information has been found for pC0.053.

No alerts have been found for pC0.053.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.