

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pXY027

RRID:Addgene_98915

Type: Plasmid

Proper Citation

RRID:Addgene_98915

Plasmid Information

URL: <http://www.addgene.org/98915>

Proper Citation: RRID:Addgene_98915

Insert Name: FtsZ

Organism: E. coli

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:25848771](#)

Vector Backbone Description: Vector Backbone:pCA24N; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: The His tag in N'-FtsZ was removed. 6bp were added between the RBS and start codon of FtsZ to decrease the expression level of FstZ-GFP.

Plasmid Name: pXY027

Record Creation Time: 20220422T222632+0000

Record Last Update: 20260815T082241+0000

Ratings and Alerts

No rating or validation information has been found for pXY027.

No alerts have been found for pXY027.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Carr JF, et al. (2025) Impaired envelope integrity in the absence of SanA is linked to increased Lipid II availability and an imbalance of FtsI and FtsW activities. bioRxiv : the preprint server for biology.

Mohiuddin SG, et al. (2022) Ion Deletion Impairs Persister Cell Resuscitation in Escherichia coli. mBio, 13(1), e0218721.