

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

pFP121

RRID:Addgene_21670

Type: Plasmid

Proper Citation

RRID:Addgene_21670

Plasmid Information

URL: <http://www.addgene.org/21670>

Proper Citation: RRID:Addgene_21670

Insert Name: LacZ

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9343441](#)

Vector Backbone Description: Backbone Marker:W. Kramer; Backbone Size:0; Vector Backbone:Ted; Vector Types:centromeric plasmid; Bacterial Resistance:Ampicillin

Comments: Derived from Ted, a centromeric plasmid (provided by W. Kramer) marked by the URA3 gene. Contains two copies of the Escherichia coli lacZ gene in inverted orientation, with one copy containing an HO endonuclease cleavage site. Please note: Addgene was not able to sequence verify the critical features of this plasmid due to its repetitive nature.

Plasmid Name: pFP121

Relevant Mutation: The second lacZ sequence has been modified, the EcoRV/BclI fragment has been replaced by a 20-bp sequence (AGTTTCAGCTTTTATAAAC), so that the nonhomologous sequences in the cut lacZ repeat are only 10 bp long on each side of the DSB. Second LacZ HO site is no longer present.

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260829T080211+0000

Ratings and Alerts

No rating or validation information has been found for pFP121.

No alerts have been found for pFP121.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.