

Resource Summary Report

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

[pIT5_KP_LacI](#)

RRID:Addgene_173780

Type: Plasmid

Proper Citation

RRID:Addgene_173780

Plasmid Information

URL: <http://www.addgene.org/173780>

Proper Citation: RRID:Addgene_173780

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34190535](#)

Vector Backbone Description: Vector Backbone:pIT5; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: pIT5_KP_LacI is designed to be integrated into the phi80 attachment site, using the phi80 integrase helper plasmid pAH123 (Addgene # 66077). This version of plasmid carries LacI repressor, and can be used for inducible gene expression (with IPTG) following integration. The pIT5_KP_LacI need to be propagated in a pir+ strain of E. coli.

Plasmid Name: pIT5_KP_LacI

Record Creation Time: 20220422T222005+0000

Record Last Update: 20260815T081034+0000

Ratings and Alerts

No rating or validation information has been found for pIT5_KP_LacI.

No alerts have been found for pIT5_KP_LacI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.