

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

pJK637

RRID:Addgene_72437

Type: Plasmid

Proper Citation

RRID:Addgene_72437

Plasmid Information

URL: <http://www.addgene.org/72437>

Proper Citation: RRID:Addgene_72437

Insert Name: DNA mismatch repair protein MutS (partial gene)

Organism: *Acetobacter aceti* 1023

Bacterial Resistance: Ampicillin and Kanamycin

Vector Backbone Description: Backbone Size:3851; Vector Backbone:pDRIVE-1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin and Kanamycin

Comments: Used for nucleotide quantitation in RT-PCR and similar experiments for *Acetobacter aceti* 1023. Based on method described in M. Ishikawa, A. Okamoto-Kainuma, T. Jochi, I. Suzuki, K. Matsui, T Kaga, Y. Koizumi (2009) Cloning and characterization of *grpE* in *Acetobacter pasteurianus* NBRC 3283. J. Biosci. Bioeng. 109(1), 25–31[doi: 10.1016/j.jbiosc.2009.07.008]

Plasmid Name: pJK637

Relevant Mutation: deletes nt 1-767 and nt 2086-2655 of *mutS* gene

Record Creation Time: 20220422T222445+0000

Record Last Update: 20260905T080043+0000

Ratings and Alerts

No rating or validation information has been found for pJK637.

No alerts have been found for pJK637.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.