

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 2026

MP-U4

RRID:Addgene_69702

Type: Plasmid

Proper Citation

RRID:Addgene_69702

Plasmid Information

URL: <http://www.addgene.org/69702>

Proper Citation: RRID:Addgene_69702

Insert Name: dnaQ926 dam seqA emrR ugi RBS+ CDA1

Organism: Other

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:26443021](#)

Vector Backbone Description: Backbone Marker:David Liu Lab; Backbone Size:2992; Vector Backbone:CloDF13; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: The authors strongly recommend that all MP-carrying strains be maintained in rich media supplemented by 25 mM glucose. The expression of the MP-borne mutators is regulated by the E. coli arabinose pBAD promoter, which is efficiently repressed at high concentrations of glucose. Please consult Badran and Liu, Nature Communications (2015) for more detailed strain maintenance protocols.

Plasmid Name: MP-U4

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260829T080926+0000

Ratings and Alerts

No rating or validation information has been found for MP-U4.

No alerts have been found for MP-U4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.