

Resource Summary Report

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

MP6

RRID:Addgene_69669

Type: Plasmid

Proper Citation

RRID:Addgene_69669

Plasmid Information

URL: <http://www.addgene.org/69669>

Proper Citation: RRID:Addgene_69669

Insert Name: dnaQ926 dam seqA emrR ugi 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: MP6

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260829T080926+0000

Ratings and Alerts

No rating or validation information has been found for MP6.

No alerts have been found for MP6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Hew BE, et al. (2024) Directed evolution of hyperactive integrases for site specific insertion of transgenes. Nucleic acids research, 52(14), e64.

Chen Z, et al. (2024) Concentration Recognition-Based Auto-Dynamic Regulation System (CRUISE) Enabling Efficient Production of Higher Alcohols. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(23), e2310215.

Medin S, et al. (2023) Multiple Rounds of In Vivo Random Mutagenesis and Selection in *Vibrio natriegens* Result in Substantial Increases in REE Binding Capacity. ACS synthetic biology, 12(12), 3680.

Mengiste AA, et al. (2023) Expanded MutaT7 toolkit efficiently and simultaneously accesses all possible transition mutations in bacteria. Nucleic acids research, 51(6), e31.

Al'Abri IS, et al. (2022) A Novel Method of Inducible Directed Evolution to Evolve Complex Phenotypes. Bio-protocol, 12(20).

Wicke N, et al. (2021) Gastrobodies are engineered antibody mimetics resilient to pepsin and hydrochloric acid. Communications biology, 4(1), 960.