

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

## Nuc5-.dnaG.Q576A.tolC-

RRID:Addgene\_41699

Type: Plasmid

### Proper Citation

RRID:Addgene\_41699

### Plasmid Information

**URL:** <http://www.addgene.org/41699>

**Proper Citation:** RRID:Addgene\_41699

**Insert Name:** E. coli MG1655 ?mutS::cat ?(ybhB-bioAB)::[?cl857 N(cro-ea59)::tetR-bla] xonA-, recJ-, xseA-, exoX- and red?- dnaG.Q576A tolC-

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:22904085](https://pubmed.ncbi.nlm.nih.gov/22904085/)

**Vector Backbone Description:** Vector Backbone:genome; Vector Types:; Bacterial Resistance:Ampicillin

**Plasmid Name:** Nuc5-.dnaG.Q576A.tolC-

**Record Creation Time:** 20220422T222216+0000

**Record Last Update:** 20260725T074655+0000

### Ratings and Alerts

No rating or validation information has been found for Nuc5-.dnaG.Q576A.tolC-.

No alerts have been found for Nuc5-.dnaG.Q576A.tolC-.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Bongers M, et al. (2015) Systems analysis of methylerythritol-phosphate pathway flux in E. coli: insights into the role of oxidative stress and the validity of lycopene as an isoprenoid reporter metabolite. Microbial cell factories, 14, 193.