

# Resource Summary Report

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

## pET-Gate2 mazEF

RRID:Addgene\_117117

Type: Plasmid

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### Proper Citation

RRID:Addgene\_117117

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### Plasmid Information

**URL:** <http://www.addgene.org/117117>

**Proper Citation:** RRID:Addgene\_117117

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:31147909](https://pubmed.ncbi.nlm.nih.gov/31147909/)

**Vector Backbone Description:** Backbone Size:6400; Vector Backbone:pET-Gate2; Vector Types:Backbone for Golden gate assembly for gene targeting in Bacillus subtilis; Bacterial Resistance:Kanamycin

**Comments:** Backbone vector for reconstitution of gene targeting constructs by Golden gate assembly. The MazEF toxin-antitoxin system counter-selects for single cross-over events that leads to incorporation of the vector backbone into the genome. Overhangs generated upon BsaI cleavage : CGAG (RU) and CCAT (RD). (Gruber lab reference pSG1525)

**Plasmid Name:** pET-Gate2 mazEF

**Record Creation Time:** 20220422T221613+0000

**Record Last Update:** 20260725T073605+0000

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### Ratings and Alerts

No rating or validation information has been found for pET-Gate2 mazEF.

No alerts have been found for pET-Gate2 mazEF.

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### Data and Source Information

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

## Usage and Citation Metrics

We have not found any literature mentions for this resource.