

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

pET-Gate2 mazEF

RRID:Addgene_117117

Type: Plasmid

Proper Citation

RRID:Addgene_117117

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

Ratings and Alerts

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

No alerts have been found for pET-Gate2 mazEF.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.