

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

BM28

RRID:Addgene_201047

Type: Plasmid

Proper Citation

RRID:Addgene_201047

Plasmid Information

URL: <http://www.addgene.org/201047>

Proper Citation: RRID:Addgene_201047

Insert Name: the groESL region region from E. coli is the insert in the pBR325 plasmid pOF39

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:36973666](#)

Vector Backbone Description: Vector Backbone:the pOF39 plasmid backbone is pBR325; Vector Types:; Bacterial Resistance:Ampicillin and Kanamycin

Comments: Please see the BM28 genome sequence (<https://www.ncbi.nlm.nih.gov/nuccore/CP102380>) and the accompanying papers for more details. Additional publications: Rudolph B, Gebendorfer KM, Buchner J, Winter J. Evolution of Escherichia coli for growth at high temperatures. J Biol Chem. 2010 Jun 18;285(25):19029-34. doi: 10.1074/jbc.M110.103374. Epub 2010 Apr 20. PMID: 20406805; PMCID: PMC2885180. And for the pOF39 plasmid: Fayet O, Louarn JM, Georgopoulos C. Suppression of the Escherichia coli dnaA46 mutation by amplification of the groES and groEL genes. Mol Gen Genet. 1986 Mar;202(3):435-45. doi: 10.1007/BF00333274. PMID: 3012269.

Plasmid Name: BM28

Record Creation Time: 20230520T080411+0000

Record Last Update: 20260815T082630+0000

Ratings and Alerts

No rating or validation information has been found for BM28.

No alerts have been found for BM28.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.