

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

BL21?AF

RRID:Addgene_102262

Type: Plasmid

Proper Citation

RRID:Addgene_102262

Plasmid Information

URL: <http://www.addgene.org/102262>

Proper Citation: RRID:Addgene_102262

Bacterial Resistance: None

Defining Citation: [PMID:29164072](#)

Vector Backbone Description: Vector Backbone:none; Vector Types:; Bacterial Resistance:None

Comments: Genotype = ?ompA ?ompF Precursor strain = BL21Gold(DE3) [genotype F-ompT hsdS(rB- mB-) dcm+ Tetr gal ?(DE3) endA Hte] Supplemental document contains a list of genotypes and PCR primers used for verification of each knocked-out gene

Plasmid Name: BL21?AF

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260919T090405+0000

Ratings and Alerts

No rating or validation information has been found for BL21?AF.

No alerts have been found for BL21?AF.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.