

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[BL21?F](#)

RRID:Addgene_102259

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/102259>

Proper Citation: RRID:Addgene_102259

Bacterial Resistance: None

Defining Citation: [PMID:29164072](#)

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

Comments: Genotype = ?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?F

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260815T080022+0000

Ratings and Alerts

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

No alerts have been found for BL21?F.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.