

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

E. coli ER1821?lacI

RRID:Addgene_141407

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/141407>

Proper Citation: RRID:Addgene_141407

Bacterial Resistance: None

Defining Citation: [PMID:31980824](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:; Bacterial Resistance:None

Comments: ?- F- glnX44 e14- (McrA-) rfbD1 endA1 thi-1 ?(yjiT-opgB)114::IS10 (EcoKI R-M- McrBC- Mrr-) + rpoS393(am) creC510 lrhA::IS3 ydeN::IS10 ?lacI Verification of lacI deletion: PCR reaction on genomic DNA using AK362 and AK365 primers produces a 1936 bp fragment AK 362 5'-CAATACCAATCGCACGCGG AK 365 5'-CGAGACGTCACGGAAAATGCC Phenotype: Constitutive ?-galactosidase synthesis This strain was derived from the precursor strain, E. coli ER1821, which is described in Jobling et al. (2016) Complete Genome Sequence of Escherichia coli ER1821R, a Laboratory K-12 Derivative Engineered To Be Deficient in All Methylcytosine and Methyladenine Restriction Systems. Genome Announc 4(4):e00763-16. <https://www.ncbi.nlm.nih.gov/pubmed/27516504>

Plasmid Name: E. coli ER1821?lacI

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260919T091019+0000

Ratings and Alerts

No rating or validation information has been found for E. coli ER1821?lacI.

No alerts have been found for E. coli ER1821?lacI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.