

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MG1655 ?endA ?recA (DE3)

RRID:Addgene_37854

Type: Plasmid

Proper Citation

RRID:Addgene_37854

Plasmid Information

URL: <http://www.addgene.org/37854>

Proper Citation: RRID:Addgene_37854

Bacterial Resistance: None

Defining Citation: [PMID:21110891](#)

Vector Backbone Description: Vector Backbone:N/A; Vector Types:E. coli bacterial strain; Bacterial Resistance:None

Plasmid Name: MG1655 ?endA ?recA (DE3)

Record Creation Time: 20220422T222200+0000

Record Last Update: 20260725T074625+0000

Ratings and Alerts

No rating or validation information has been found for MG1655 ?endA ?recA (DE3).

No alerts have been found for MG1655 ?endA ?recA (DE3).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Su-Tobon Q, et al. (2025) CRISPR-Hybrid: A CRISPR-Mediated Intracellular Directed Evolution Platform for RNA Aptamers. *Nature communications*, 16(1), 595.

Vaccari NA, et al. (2025) Biosensor characterization: formal methods from the perspective of proteome fractions. *Synthetic biology (Oxford, England)*, 10(1), ysaf002.

Romero JO, et al. (2025) Exploring the Potential of Glutathione Reductase Overexpression to Improve Tellurium Nanoparticle Production in *Escherichia coli*. *International journal of molecular sciences*, 26(4).

Zhang Y, et al. (2020) Multicopy Chromosomal Integration Using CRISPR-Associated Transposases. *ACS synthetic biology*, 9(8), 1998.

Snoeck N, et al. (2019) Serine integrase recombinational engineering (SIRE): A versatile toolbox for genome editing. *Biotechnology and bioengineering*, 116(2), 364.

Drummond L, et al. (2019) Expanding the Isoprenoid Building Block Repertoire with an IPP Methyltransferase from *Streptomyces monomycini*. *ACS synthetic biology*, 8(6), 1303.

Kschowak MJ, et al. (2018) Heterologous expression of 2-methylisoborneol / 2 methylenebornane biosynthesis genes in *Escherichia coli* yields novel C11-terpenes. *PloS one*, 13(4), e0196082.

Xiu Y, et al. (2017) Naringenin-responsive riboswitch-based fluorescent biosensor module for *Escherichia coli* co-cultures. *Biotechnology and bioengineering*, 114(10), 2235.