

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

Essential genes in E. coli

RRID:SCR_013477

Type: Tool

Proper Citation

Essential genes in E. coli (RRID:SCR_013477)

Resource Information

URL: <http://www.genome.wisc.edu/resources/essential.htm>

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Description: The Essential Genes in E. Coli website provides links to data on essential genes in E. coli, and shows a short list of E. coli essential genes identified from the Neidhardt E. coli books. Essential genes are defined as those genes which are required in WT strain MG1655 for the formation of colonies on solid rich medium within 24 hours of incubation at 37 degrees C.

Synonyms: Essential genes in E. coli

Resource Type: data or information resource, database

Keywords: e. coli, e. coli essential gene

Resource Name: Essential genes in E. coli

Resource ID: SCR_013477

Alternate IDs: nif-0000-02816

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260912T200212+0000

Ratings and Alerts

No rating or validation information has been found for Essential genes in E. coli.

No alerts have been found for Essential genes in E. coli.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.