

# Resource Summary Report

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## EssSubgraph

RRID:SCR\_027354

Type: Tool

### Proper Citation

EssSubgraph (RRID:SCR\_027354)

### Resource Information

**URL:** <https://github.com/wenmm/EssSubgraph/tree/main>

**Proper Citation:** EssSubgraph (RRID:SCR\_027354)

**Description:** A model algorithm that integrates omics data and network data to predict essential genes.

**Abbreviations:** EssSubgraph

**Resource Type:** software resource, algorithm resource

**Defining Citation:** [DOI:10.1101/2025.07.21.665218](https://doi.org/10.1101/2025.07.21.665218)

**Keywords:** Biomarker, essential gene prediction, GNN

**Related Condition:** Cancer

**Funding:** National Science Foundation 2243562;  
National Institutes of Health R35GM149531

**Availability:** Integrating omics data and protein-protein interaction network data to predict essential genes.

**Resource Name:** EssSubgraph

**Resource ID:** SCR\_027354

**Alternate URLs:** <https://github.com/wenmm/EssSubgraph/tree/main>

**License:** GPL v3

**Record Creation Time:** 20250827T062506+0000

**Record Last Update:** 20260808T190800+0000

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## Ratings and Alerts

No rating or validation information has been found for EssSubgraph.

No alerts have been found for EssSubgraph.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Wen H, et al. (2025) EssSubgraph improves performance and generalizability of mammalian essential gene prediction with large networks. GigaScience, 14.