

Resource Summary Report

Generated by [nidm-terms](#) on Aug 30, 2026

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: algorithm resource, software 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 Institutes of Health R35GM149531;
National Science Foundation 2243562

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: 20260829T183507+0000

Ratings and Alerts

No rating or validation information has been found for EssSubgraph.

No alerts have been found for EssSubgraph.

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 [nidm-terms](#) .

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