

# Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

## Graph2GO

RRID:SCR\_018726

Type: Tool

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### Proper Citation

Graph2GO (RRID:SCR\_018726)

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### Resource Information

**URL:** <https://github.com/yanzhanglab/Graph2GO>

**Proper Citation:** Graph2GO (RRID:SCR\_018726)

**Description:** Software tool as graph based representation learning method for protein function prediction. Multi modal graph based representation learning model that can integrate heterogeneous information including multiple types of interaction networks including sequence similarity network and protein-protein interaction network, and protein features including amino acid sequence, sub cellular location and protein domains, to predict protein functions on Gene Ontology.

**Resource Type:** data analysis software, software resource, data processing software, software application

**Keywords:** Protein function prediction, graph neural network, attributed network embedding, representation learning, multi-modal model, bio.tools

**Availability:** Free, Available for download, Freely available

**Resource Name:** Graph2GO

**Resource ID:** SCR\_018726

**Alternate IDs:** SCR\_018727, biotools:graph2go

**Alternate URLs:** <https://integrativeomics.shinyapps.io/graph2go/>,  
<https://bio.tools/graph2go>

**License:** MIT License

**Record Creation Time:** 20220129T080341+0000

**Record Last Update:** 20260803T040751+0000

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### Ratings and Alerts

No rating or validation information has been found for Graph2GO.

No alerts have been found for Graph2GO.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lin B, et al. (2024) A comprehensive review and comparison of existing computational methods for protein function prediction. Briefings in bioinformatics, 25(4).

Fan K, et al. (2020) Graph2GO: a multi-modal attributed network embedding method for inferring protein functions. GigaScience, 9(8).