

Resource Summary Report

Generated by SPARC SAWG on Sep 18, 2026

Gene Interaction Extraction from the Literature

RRID:SCR_008660

Type: Tool

Proper Citation

Gene Interaction Extraction from the Literature (RRID:SCR_008660)

Resource Information

URL: <http://portal.ncibi.org/gateway/gin.html>

Proper Citation: Gene Interaction Extraction from the Literature (RRID:SCR_008660)

Description: GIN-IE is a high precision system for extracting protein/gene interactions, interaction cue words, and directionality from the literature. Syntax-aware inferences about the roles of the entities are made by using the syntactic and dependency parse tree structures of the sentences. Negation and speculation are frequently occurring language phenomena that modify the factuality of the information contained in text. GIN-IE detects and distinguishes interactions that are extracted from negated or speculative sentences. GIN-IE has been integrated with the NCIBI PubMed daily update and processing pipeline. The extracted interactions are accessible through MimiWeb.

Abbreviations: GIN-IE

Resource Type: software resource

Keywords: extract, gene, interaction, protein, sentence, structure

Resource Name: Gene Interaction Extraction from the Literature

Resource ID: SCR_008660

Alternate IDs: nif-0000-33151

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260912T195707+0000

Ratings and Alerts

No rating or validation information has been found for Gene Interaction Extraction from the Literature.

No alerts have been found for Gene Interaction Extraction from the Literature.

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](#) .

Ozg??r A, et al. (2010) Literature-based discovery of IFN-gamma and vaccine-mediated gene interaction networks. Journal of biomedicine & biotechnology, 2010, 426479.