

# Resource Summary Report

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## InteroPorc

RRID:SCR\_002067

Type: Tool

### Proper Citation

InteroPorc (RRID:SCR\_002067)

### Resource Information

**URL:** <http://biodev.extra.cea.fr/interoporc/>

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**Description:** Automatic prediction tool to infer protein-protein interaction networks, it is applicable for lots of species using orthology and known interactions. The interoPORC method is based on the interolog concept and combines source interaction datasets from public databases as well as clusters of orthologous proteins (PORC) available on Integr8. Users can use this page to ask InteroPorc for all species present in Integr8. Some results are already computed and users can run InteroPorc to investigate any other species. Currently, the following databases are processed and merged (with datetime of the last available public release for each database used): IntAct, MINT, DIP, and Integr8.

**Abbreviations:** InteroPorc

**Synonyms:** InteroPorc: Automatic molecular interaction predictions, Automatic molecular interaction predictions

**Resource Type:** data processing software, service resource, data analysis software, source code, data analysis service, database, software resource, data or information resource, software application, production service resource, analysis service resource

**Defining Citation:** [PMID:18508856](#)

**Keywords:** orthology, prediction, protein interaction, tool, sequenced genome, proteinprotein interaction, inferred interaction, molecular interaction, interaction, protein, bio.tools

**Funding:** European Union FELICS 021902 RII3;  
Marie Curie Fellowship ;  
French National Agency of Research ANR Biosys06\_134823 SULFIRHOM;  
French Atomic Energy Commission

**Availability:** Open unspecified license, Acknowledgement requested

**Resource Name:** InteroPorc

**Resource ID:** SCR\_002067

**Alternate IDs:** nif-0000-20816, biotools:interoporc

**Alternate URLs:** <https://bio.tools/interoporc>

**License:** Open unspecified license

**Record Creation Time:** 20220129T080211+0000

**Record Last Update:** 20260731T042622+0000

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## Ratings and Alerts

No rating or validation information has been found for InteroPorc.

No alerts have been found for InteroPorc.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Chakraborty S, et al. (2025) Phosphoproteomic insights into GFPT2-Associated cellular phospho-signaling networks. Biochemistry and biophysics reports, 43, 102196.

Huo T, et al. (2015) Prediction of host - pathogen protein interactions between Mycobacterium tuberculosis and Homo sapiens using sequence motifs. BMC bioinformatics, 16(1), 100.

Basha O, et al. (2015) MyProteinNet: build up-to-date protein interaction networks for organisms, tissues and user-defined contexts. Nucleic acids research, 43(W1), W258.

Lv Q, et al. (2015) Genome-wide protein-protein interactions and protein function exploration in cyanobacteria. Scientific reports, 5, 15519.

Pesch R, et al. (2013) Complementing the Eukaryotic Protein Interactome. PloS one, 8(6), e66635.

Trabuco LG, et al. (2012) Negative protein-protein interaction datasets derived from large-scale two-hybrid experiments. Methods (San Diego, Calif.), 58(4), 343.