Resource Summary Report

Generated by dkNET on Apr 16, 2025

MPIDB

RRID:SCR_001898
Type: Tool

Proper Citation

MPIDB (RRID:SCR_001898)

Resource Information

URL: http://www.jcvi.org/mpidb

Proper Citation: MPIDB (RRID:SCR_001898)

Description: Database that collects and provides all known physical microbial interactions. Currently, 24,295 experimentally determined interactions among proteins of 250 bacterial species/strains can be browsed and downloaded. These microbial interactions have been manually curated from the literature or imported from other databases (IntAct, DIP, BIND, MINT) and are linked to 26,578 experimental evidences (PubMed ID, PSI-MI methods). In contrast to these databases, interactions in MPIDB are further supported by 68,346 additional evidences based on interaction conservation, co-purification, and 3D domain contacts (iPfam, 3did). (spoke/matrix) binary interactions inferred from pull-down experiments are not included.

Abbreviations: MPIDB

Synonyms: The Microbial Protein Interaction Database, Microbial Protein Interaction Database

Resource Type: database, data or information resource

Defining Citation: PMID:18556668

Keywords: 3d domain, conservation, co-purification, interaction, microbial, protein, microbial interaction, protein interaction, interaction conservation, interaction co-purification, 3d domain contact, protein-protein interaction, microbial protein, microbiology

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NIMH R01GM79710

Resource Name: MPIDB

Resource ID: SCR_001898

Alternate IDs: nif-0000-10467

Alternate URLs: http://jcvi.org/mpidb/

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250412T054639+0000

Ratings and Alerts

No rating or validation information has been found for MPIDB.

No alerts have been found for MPIDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Tanoli Z, et al. (2021) Exploration of databases and methods supporting drug repurposing: a comprehensive survey. Briefings in bioinformatics, 22(2), 1656.

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.

Nie Y, et al. (2009) Getting a grip on complexes. Current genomics, 10(8), 558.

Flórez LA, et al. (2009) A community-curated consensual annotation that is continuously updated: the Bacillus subtilis centred wiki SubtiWiki. Database : the journal of biological databases and curation, 2009, bap012.