Resource Summary Report

Generated by dkNET on Apr 16, 2025

Agile Protein Interactomes DataServer

RRID:SCR_008871
Type: Tool

Proper Citation

Agile Protein Interactomes DataServer (RRID:SCR_008871)

Resource Information

URL: http://apid.dep.usal.es

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Description: APID Interactomes (Agile Protein Interactomes DataServer) provides information on the protein interactomes of numerous organisms, based on the integration of known experimentally validated protein-protein physical interactions (PPIs). The interactome data includes a report on quality levels and coverage over the proteomes for each organism included. APID integrates PPIs from primary databases of molecular interactions (BIND, BioGRID, DIP, HPRD, IntAct, MINT) and also from experimentally resolved 3D structures (PDB) where more than two distinct proteins have been identified. This collection references protein interactors, through a UniProt identifier.

Abbreviations: APID

Synonyms: Agile Protein Interactomes DataServer, APID, APID Interactomes, Agile Protein Interactomes DataServer (APID), APID (Agile Protein Interactomes DataServer)

Resource Type: database, software resource, data analysis service, data or information resource, web service, service resource, analysis service resource, data access protocol, production service resource

Defining Citation: PMID:27131791, PMID:30715274

Keywords: protein, protein interaction, interactions, ppi, interactomes, analysis, gene, ontology, functional, environment, data, network, graphic, visualize

Funding: Spanish Ministerio de Sanidad y Consumo ;
Junta de Castilla y Leon

Availability: Free for academic use

Resource Name: Agile Protein Interactomes DataServer

Resource ID: SCR_008871

Alternate IDs: nlx_149321

Record Creation Time: 20220129T080249+0000

Record Last Update: 20250416T063533+0000

Ratings and Alerts

No rating or validation information has been found for Agile Protein Interactomes DataServer.

No alerts have been found for Agile Protein Interactomes DataServer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Franco-Serrano L, et al. (2021) Pathogen Moonlighting Proteins: From Ancestral Key Metabolic Enzymes to Virulence Factors. Microorganisms, 9(6).

Yang H, et al. (2021) NF2 and Canonical Hippo-YAP Pathway Define Distinct Tumor Subsets Characterized by Different Immune Deficiency and Treatment Implications in Human Pleural Mesothelioma. Cancers, 13(7).

Armingol E, et al. (2021) Deciphering cell-cell interactions and communication from gene expression. Nature reviews. Genetics, 22(2), 71.

Peng Y, et al. (2020) Data sets on human histone interaction networks. Data in brief, 33, 106555.

Saade M, et al. (2020) Multimerization of Zika Virus-NS5 Causes Ciliopathy and Forces Premature Neurogenesis. Cell stem cell, 27(6), 920.

Yang H, et al. (2020) Systematic Analysis of Aberrant Biochemical Networks and Potential

Drug Vulnerabilities Induced by Tumor Suppressor Loss in Malignant Pleural Mesothelioma. Cancers, 12(8).

Redwan EM, et al. (2019) Structural disorder in the proteome and interactome of Alkhurma virus (ALKV). Cellular and molecular life sciences : CMLS, 76(3), 577.

Ramos PIP, et al. (2019) Leveraging User-Friendly Network Approaches to Extract Knowledge From High-Throughput Omics Datasets. Frontiers in genetics, 10, 1120.

John JP, et al. (2019) An in-silico approach for discovery of microRNA-TF regulation of DISC1 interactome mediating neuronal migration. NPJ systems biology and applications, 5, 17.

Alonso-López D, et al. (2019) APID database: redefining protein-protein interaction experimental evidences and binary interactomes. Database : the journal of biological databases and curation, 2019.

Pavlopoulos GA, et al. (2015) Visualizing genome and systems biology: technologies, tools, implementation techniques and trends, past, present and future. GigaScience, 4, 38.

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.

Roson-Burgo B, et al. (2014) Transcriptomic portrait of human Mesenchymal Stromal/Stem Cells isolated from bone marrow and placenta. BMC genomics, 15(1), 910.

Daemen A, et al. (2010) Improved microarray-based decision support with graph encoded interactome data. PloS one, 5(4), e10225.