

Resource Summary Report

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COMPARTMENTS Subcellular localization database

RRID:SCR_015561

Type: Tool

Proper Citation

COMPARTMENTS Subcellular localization database (RRID:SCR_015561)

Resource Information

URL: <http://compartments.jensenlab.org/Downloads>

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Description: Web resource that integrates evidence on protein subcellular localization from manually curated literature, high-throughput screens, automatic text mining, and sequence-based prediction methods. All evidence is mapped to common protein identifiers and Gene Ontology terms, and further unify it by assigning confidence scores that facilitate comparison of the different types and sources of evidence and visualize these scores on a schematic cell.

Synonyms: COMPARTMENTS, Compartments Database

Resource Type: data or information resource, database

Keywords: subcellular localization database

Funding: EMBL International PhD Programme 295–2012;
Luxembourg Centre for Systems Biomedicine ;
Novo Nordisk Foundation Center for Protein Research ;
CSIRO Office of the Chief Executive ;
CSIRO Computation and Simulation Sciences

Resource Name: COMPARTMENTS Subcellular localization database

Resource ID: SCR_015561

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260912T200216+0000

Ratings and Alerts

No rating or validation information has been found for COMPARTMENTS Subcellular localization database.

No alerts have been found for COMPARTMENTS Subcellular localization database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Sarel-Gallily R, et al. (2022) Genome-wide analysis of haploinsufficiency in human embryonic stem cells. Cell reports, 38(13), 110573.

Jin Z, et al. (2022) InterCellDB: A User-Defined Database for Inferring Intercellular Networks. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(22), e2200045.

Gupta R, et al. (2021) Human genetic analyses of organelles highlight the nucleus in age-related trait heritability. eLife, 10.

Luthert PJ, et al. (2020) Combining Gene-Disease Associations with Single-Cell Gene Expression Data Provides Anatomy-Specific Subnetworks in Age-Related Macular Degeneration. Network and systems medicine, 3(1), 105.

Niss K, et al. (2020) Complete Topological Mapping of a Cellular Protein Interactome Reveals Bow-Tie Motifs as Ubiquitous Connectors of Protein Complexes. Cell reports, 31(11), 107763.

Perna F, et al. (2017) Integrating Proteomics and Transcriptomics for Systematic Combinatorial Chimeric Antigen Receptor Therapy of AML. Cancer cell, 32(4), 506.

Bosse KR, et al. (2017) Identification of GPC2 as an Oncoprotein and Candidate Immunotherapeutic Target in High-Risk Neuroblastoma. Cancer cell, 32(3), 295.