

Resource Summary Report

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MOPED - Model Organism Protein Expression Database

RRID:SCR_006065

Type: Tool

Proper Citation

MOPED - Model Organism Protein Expression Database (RRID:SCR_006065)

Resource Information

URL: <https://www.proteinspire.org/MOPED/>

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Description: An expanding multi-omics resource that enables rapid browsing of gene and protein expression information from publicly available studies on humans and model organisms. MOPED also serves the greater research community by enabling users to visualize their own expression data, compare it with existing studies, and share it with others via private accounts. MOPED uniquely provides gene and protein level expression data, meta-analysis capabilities and quantitative data from standardized analysis utilizing SPIRE (Systematic Protein Investigative Research Environment). Data can be queried for specific genes and proteins; browsed based on organism, tissue, localization and condition; and sorted by false discovery rate and expression. MOPED links to various gene, protein, and pathway databases, including GeneCards, Entrez, UniProt, KEGG and Reactome. The current version of MOPED (MOPED 2.5) The current version of MOPED (MOPED 2.5, 2014) contains approximately 5 million total records including ~260 experiments and ~390 conditions.

Abbreviations: MOPED

Synonyms: Multi-Omics Profiling Expression Database

Resource Type: analysis service resource, data analysis service, data or information resource, database, production service resource, resource, service resource

Defining Citation: [PMID:24350770](#), [PMID:22139914](#)

Keywords: protein expression, gene expression, model organism, gene, protein, pathway, proteomics, transcriptomics, data visualization, overlap plot, heatmap, dot plot, data sharing, protein localization, gene localization

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Resource Name: MOPED - Model Organism Protein Expression Database

Resource ID: SCR_006065

Alternate IDs: nlx_151470

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260905T132959+0000

Ratings and Alerts

No rating or validation information has been found for MOPED - Model Organism Protein Expression Database .

No alerts have been found for MOPED - Model Organism Protein Expression Database .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Perez-Riverol Y, et al. (2015) Making proteomics data accessible and reusable: current state of proteomics databases and repositories. Proteomics, 15(5-6), 930.

Koscielny G, et al. (2014) The International Mouse Phenotyping Consortium Web Portal, a unified point of access for knockout mice and related phenotyping data. Nucleic acids research, 42(Database issue), D802.