**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/](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) contains approximately 5 million total records including ~260 experiments and ~390 conditions.

**Abbreviations:** MOPED

**Synonyms:** Multi-Omics Profiling Expression Database

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

**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

**Funding Agency:** Robert B McMillen Foundation, NSF, NIGMS, NIDDK, NIDDK

**Resource Name:** MOPED - Model Organism Protein Expression Database

**Resource ID:** SCR_006065

**Alternate IDs:** nlx_151470

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**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.

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**Data and Source Information**

**Source:** [SciCrunch Registry](http://www.sci-crunch.org)

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**Usage and Citation Metrics**

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](https://rrid.org).
