

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on Apr 15, 2025

## 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/>

**Proper Citation:** MOPED - Model Organism Protein Expression Database (RRID:SCR\_006065)

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

**Defining Citation:** [PMID:24350770](https://pubmed.ncbi.nlm.nih.gov/24350770/), [PMID:22139914](https://pubmed.ncbi.nlm.nih.gov/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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NSF DBI0544757;  
NIGMS 5R01GM076680;  
NIDDK UO1DK072473;  
NIDDK 1U01DK089571

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

**Resource ID:** SCR\_006065

**Alternate IDs:** nlx\_151470

**Record Creation Time:** 20220129T080234+0000

**Record Last Update:** 20250412T055021+0000

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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](#)

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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 [FDI Lab - SciCrunch.org](#).

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.