

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

Entrez GEO Profiles

RRID:SCR_004584

Type: Tool

Proper Citation

Entrez GEO Profiles (RRID:SCR_004584)

Resource Information

URL: <http://www.ncbi.nlm.nih.gov/sites/entrez?db=geo>

Proper Citation: Entrez GEO Profiles (RRID:SCR_004584)

Description: The GEO Profiles database stores gene expression profiles derived from curated GEO DataSets. Each Profile is presented as a chart that displays the expression level of one gene across all Samples within a DataSet. Experimental context is provided in the bars along the bottom of the charts making it possible to see at a glance whether a gene is differentially expressed across different experimental conditions. Profiles have various types of links including internal links that connect genes that exhibit similar behaviour, and external links to relevant records in other NCBI databases. GEO Profiles can be searched using many different attributes including keywords, gene symbols, gene names, GenBank accession numbers, or Profiles flagged as being differentially expressed.

Synonyms: GEO Profiles, Gene Expression Omnibus Profiles

Resource Type: database, data or information resource

Keywords: gold standard

Resource Name: Entrez GEO Profiles

Resource ID: SCR_004584

Alternate IDs: nlx_57723

Alternate URLs: <http://www.ncbi.nlm.nih.gov/geo/>

Record Creation Time: 20220129T080225+0000

Record Last Update: 20260803T040404+0000

Ratings and Alerts

No rating or validation information has been found for Entrez GEO Profiles.

No alerts have been found for Entrez GEO Profiles.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2399 mentions in open access literature.

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

Zeng QG, et al. (2025) Phosphorylation of POU3F3 Mediated Nuclear Translocation Promotes Proliferation in Non-Small Cell Lung Cancer through Accelerating ATP5PF Transcription and ATP Production. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(13), e2411503.

Li CL, et al. (2025) Machine learning model reveals the risk, prognosis, and drug response of histamine-related signatures in pancreatic cancer. Discover oncology, 16(1), 155.

Li W, et al. (2025) Identification of critical biomarkers and immune infiltration in preeclampsia through bioinformatics and machine learning methods. BMC pregnancy and childbirth, 25(1), 136.

Zhang H, et al. (2025) BRD4 interacting genes as prognostic biomarkers in hepatocellular carcinoma for optimized treatment strategies. Scientific reports, 15(1), 5617.

Zhang B, et al. (2025) Exploring the genetic profiles linked to senescence in thyroid tumors: insights on predicting disease progression and immune responses. Frontiers in oncology, 15, 1545656.

Chen G, et al. (2025) Peroxisome Metabolism Pathway and EHHADH Expression are Downregulated in Macrophages in Neutrophilic Asthma. Allergy, asthma & immunology research, 17(1), 111.

Batool F, et al. (2025) The combinatorial binding syntax of transcription factors in forebrain-specific enhancers. Biology open, 14(2).

Mao X, et al. (2025) Loss of tricellular tight junction tricellulin leads to hyposalivation in Sjögren's syndrome. International journal of oral science, 17(1), 22.

Jia MY, et al. (2025) Targeting the HuR/E2F7 axis synergizes with bortezomib against multiple myeloma. Acta pharmacologica Sinica, 46(8), 2296.

Cai C, et al. (2025) PKM2 regulates osteoclastogenesis by affecting osteoclast precursor cell fusion via downregulation of OC-STAMP and DC-STAMP. The Journal of biological chemistry, 301(5), 108439.

Gao X, et al. (2025) Combined analysis of single-cell and bulk transcriptome sequencing data identifies critical glycolysis genes in idiopathic pulmonary arterial hypertension. *Journal of translational medicine*, 23(1), 373.

Quaye A, et al. (2025) Turkey B Cell Transcriptome Profile During Turkey Hemorrhagic Enteritis Virus (THEV) Infection Highlights Upregulated Apoptosis and Breakdown Pathways That May Mediate Immunosuppression. *Viruses*, 17(3).

Roshika R, et al. (2025) The group A *Streptococcus* pathogenicity island RD2: virulence role and barriers to conjugative transfer. *Infection and immunity*, 93(1), e0027324.

Cai P, et al. (2025) Harnessing TAGAP to improve immunotherapy for lung squamous carcinoma treatment by targeting c-Rel in CD4⁺ T cells. *Cancer immunology, immunotherapy : CII*, 74(4), 114.

Yu H, et al. (2025) Exosome-mediated effects of BRCA1 on cardiovascular artery disease. *Cell biology and toxicology*, 41(1), 59.

Mo J, et al. (2025) Diagnostic value of C-reactive protein/ albumin ratio and TMTC1 in intracranial atherosclerotic stenosis in patients with acute cerebral infarction. *Scientific reports*, 15(1), 8653.

He C, et al. (2025) ECHS1 as a Lipid Metabolism Biomarker for Pediatric Focal Segmental Glomerulosclerosis. *PloS one*, 20(3), e0319049.

Guo Y, et al. (2025) Luteolin Alleviates Inflammation Induced by *Staphylococcus aureus* in Bovine Mammary Epithelial Cells by Attenuating NF- κ B and MAPK Activation. *Veterinary sciences*, 12(2).

Barelle PY, et al. (2025) Investigation of a mouse model of Prader-Willi Syndrome with combined disruption of *Necdin* and *Magel2*. *JCI insight*, 10(8).

Jiang T, et al. (2025) MCT4: a key player influencing gastric cancer metastasis and participating in the regulation of the metastatic immune microenvironment. *Journal of translational medicine*, 23(1), 276.