

Resource Summary Report

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Kyoto Encyclopedia of Genes and Genomes Expression Database

RRID:SCR_001120

Type: Tool

Proper Citation

Kyoto Encyclopedia of Genes and Genomes Expression Database (RRID:SCR_001120)

Resource Information

URL: <http://www.genome.jp/kegg/expression/>

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Description: Database for mapping gene expression profiles to pathways and genomes. Repository of microarray gene expression profile data for *Synechocystis* PCC6803 (syn), *Bacillus subtilis* (bsu), *Escherichia coli* W3110 (ecj), *Anabaena* PCC7120 (ana), and other species contributed by the Japanese research community.

Abbreviations: KEGG Expression Database

Synonyms: Kyoto Encyclopedia of Genes and Genomes Expression Database

Resource Type: service resource, data or information resource, data repository, database, storage service resource

Defining Citation: [PMID:9847135](#), [PMID:10592173](#)

Keywords: encyclopedia, endogenous, environment, enzyme, *escherichia coli*, exogenous, expression, family, functional, gene, genetic, *anabaena*, *bacillus subtilis*, biological system, biology, building block, cell, cellular, chemical, community, complex, genome, genomic, hierarchy, interaction, japanese, mapping, metabolic, metabolic pathway databases, microarray, molecular, molecular wiring, nomenclature, order, organism, ortholog, pathway, process, protein, reaction, research, sequence, specie, substance, *synechocystis*, FASEB list

Availability: Free, Available for download, Freely available

Resource Name: Kyoto Encyclopedia of Genes and Genomes Expression Database

Resource ID: SCR_001120

Alternate IDs: r3d100011570, nif-0000-21234

Alternate URLs: <https://doi.org/10.17616/R3792T>

Record Creation Time: 20220129T080205+0000

Record Last Update: 20260729T044008+0000

Ratings and Alerts

No rating or validation information has been found for Kyoto Encyclopedia of Genes and Genomes Expression Database.

No alerts have been found for Kyoto Encyclopedia of Genes and Genomes Expression Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1274 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Haberberger RV, et al. (2025) Transcriptomic and Histological Characterization of Telocytes in the Human Dorsal Root Ganglion. The Journal of comparative neurology, 533(3), e70044.

Menozzi E, et al. (2025) Exploring the relationship between GBA1 host genotype and gut microbiome in the GBA1 L444P/WT mouse model: implications for Parkinson's disease pathogenesis. Frontiers in neuroscience, 19, 1546203.

Hurst C, et al. (2025) Social Isolation Induces Sex-Specific Differences in Behavior and Gut Microbiota Composition in Stress-Sensitive Rats. Brain and behavior, 15(6), e70621.

Zhang T, et al. (2025) Intratumoral Fusobacterium nucleatum Recruits Tumor-Associated Neutrophils to Promote Gastric Cancer Progression and Immune Evasion. Cancer research, 85(10), 1819.

Pacheco-Fernandez T, et al. (2025) Protocol for identifying immune mediators during Leishmania infection in mice using metabolomic analysis. STAR protocols, 6(3), 103817.

Mahat DB, et al. (2025) Mutant p53 exploits enhancers to elevate immunosuppressive chemokine expression and impair immune checkpoint inhibitors in pancreatic cancer. Immunity, 58(7), 1688.

Huang J, et al. (2024) BBOX1 mediates metabolic reprogramming driven by hypoxia and participates in the malignant progress of high-grade serous ovarian cancer. Biochimica et

biophysica acta. Molecular cell research, 1871(8), 119830.

Liang L, et al. (2024) Correlation between intestinal flora and GLP-1 receptor agonist dulaglutide in type 2 diabetes mellitus treatment-A preliminary longitudinal study. iScience, 27(5), 109784.

Roy TA, et al. (2024) Discovery and validation of genes driving drug-intake and related behavioral traits in mice. Genes, brain, and behavior, 23(1), e12875.

Wan S, et al. (2024) SPARC Stabilizes ApoE to Induce Cholesterol-Dependent Invasion and Sorafenib Resistance in Hepatocellular Carcinoma. Cancer research, 84(11), 1872.

Tabachnick-Cherny S, et al. (2024) Characterization of Immunosuppressive Myeloid Cells in Merkel Cell Carcinoma: Correlation with Resistance to PD-1 Pathway Blockade. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(6), 1189.

Oljuskin T, et al. (2023) Leishmania major centrin knock-out parasites reprogram tryptophan metabolism to induce a pro-inflammatory response. iScience, 26(9), 107593.

Liu Y, et al. (2023) Immunogenetic Determinants of Susceptibility to Head and Neck Cancer in the Million Veteran Program Cohort. Cancer research, 83(3), 386.

Roy TA, et al. (2023) DISCOVERY AND VALIDATION OF GENES DRIVING DRUG-INTAKE AND RELATED BEHAVIORAL TRAITS IN MICE. bioRxiv : the preprint server for biology.

Iqbal J, et al. (2023) Differential regulation of hippocampal transcriptome by circulating estrogen. Functional & integrative genomics, 23(4), 309.

Millard RS, et al. (2022) Resistance to white spot syndrome virus in the European shore crab is associated with suppressed virion trafficking and heightened immune responses. Frontiers in immunology, 13, 1057421.

Shen M, et al. (2022) The acetylome of adult mouse sciatic nerve. Journal of neurochemistry, 162(3), 262.

Rosenberg AM, et al. (2021) Quantitative mapping of human hair greying and reversal in relation to life stress. eLife, 10.

Jae Lee S, et al. (2021) Chromosomal assembly of the Antarctic toothfish (Dissostichus mawsoni) genome using third-generation DNA sequencing and Hi-C technology. Zoological research, 42(1), 124.

Kang SY, et al. (2021) Extracellular Vesicles Induce an Aggressive Phenotype in Luminal Breast Cancer Cells Via PKM2 Phosphorylation. Frontiers in oncology, 11, 785450.