**ArrayExpress**

RRID:SCR_002964  
Type: Tool

**Proper Citation**

ArrayExpress (RRID:SCR_002964)

**Resource Information**

**URL:** [http://www.ebi.ac.uk/arrayexpress/](http://www.ebi.ac.uk/arrayexpress/)

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**Description:** International functional genomics data collection generated from microarray or next-generation sequencing (NGS) platforms. Repository of functional genomics data supporting publications. Provides genes expression data for reuse to the research community where they can be queried and downloaded. Integrated with the Gene Expression Atlas and the sequence databases at the European Bioinformatics Institute. Contains a subset of curated and re-annotated Archive data which can be queried for individual gene expression under different biological conditions across experiments. Data collected to MIAME and MINSEQE standards. Data are submitted by users or are imported directly from the NCBI Gene Expression Omnibus.

**Abbreviations:** ArrayExpress

**Synonyms:** ArrayExpress - functional genomics data, ArrayExpress Archive, ArrayExpress,

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

**Defining Citation:** PMID:23193272, PMID:21071405

**Keywords:** gold, standard, functional, genomics, data, collection, microarray, next, generation, sequencing, NGS, repository

**Funding Agency:** European Union, SLING, European Commission, Gen2Phen, NHGRI

**Availability:** Available Public or Private, Free, Available for download, The community can contribute to this resource, Acknowledgement requested, to access private data registration
Resource Name: ArrayExpress

Resource ID: SCR_002964

Alternate IDs: nif-0000-30123, OMICS_01023

Alternate URLs: http://www.ebi.ac.uk/microarray-as/ae

Ratings and Alerts

No rating or validation information has been found for ArrayExpress.

No alerts have been found for ArrayExpress.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6515 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


Cotticelli MG, et al. (2023) Acute frataxin knockdown in induced pluripotent stem cell-derived cardiomyocytes activates a type I interferon response. Disease models & mechanisms, 16(5).


Lira MC, et al. (2023) NCoA3 upregulation in breast cancer?associated adipocytes elicits an inflammatory profile. Oncology reports, 49(5).

Stroo E, et al. (2023) Deletion of SERF2 in mice delays embryonic development and alters amyloid deposit structure in the brain. Life science alliance, 6(7).


Li F, et al. (2023) VGLL4 and MENIN function as TEAD1 corepressors to block pancreatic cell proliferation. Cell reports, 42(1), 111904.


Ahmed I, et al. (2023) eRNA profiling uncovers the enhancer landscape of oesophageal adenocarcinoma and reveals new deregulated pathways. eLife, 12.


Wiraswati HL, et al. (2023) Breynia cernua: Chemical Profiling of Volatile Compounds in the Stem Extract and Its Antioxidant, Antibacterial, Antiplasmodial and Anticancer Activity In Vitro and In Silico. Metabolites, 13(2).