Experimental Factor Ontology

RRID:SCR_003574
Type: Tool

Proper Citation

Experimental Factor Ontology (RRID:SCR_003574)

Resource Information

URL: http://www.ebi.ac.uk/efo/

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Description: An application focused ontology modelling the experimental factors in ArrayExpress and Gene Expression Atlas. It has been developed to increase the richness of the annotations that are currently made in the ArrayExpress repository, to promote consistent annotation, to facilitate automatic annotation and to integrate external data. The ontology describes cross-product classes from reference ontologies in area such as disease, cell line, cell type and anatomy. The methodology employed in the development of EFO involves construction of mappings to multiple existing domain specific ontologies, such as the Disease Ontology and Cell Type Ontology. This is achieved using a combination of automated and manual curation steps and the use of a phonetic matching algorithm. The ontology is evaluated with use cases from the ArrayExpress repository and ArrayExpress Atlas. You may also browse the EFO in the NCBO Bioportal. Term submissions are welcome.

Abbreviations: EFO

Resource Type: ontology, data or information resource, controlled vocabulary

Defining Citation: PMID:20200009

Keywords: gene expression, owl, experimental factor, disease, cell line, cell type, anatomy, gold standard

Funding Agency: European Molecular Biology Laboratory, European Union FELICS, European Union EMERALD, European Union Gen2Phen
**Availability:** The community can contribute to this resource

**Resource Name:** Experimental Factor Ontology

**Resource ID:** SCR_003574

**Alternate IDs:** nlx_11363

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**Ratings and Alerts**

No rating or validation information has been found for Experimental Factor Ontology.

No alerts have been found for Experimental Factor Ontology.

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**Data and Source Information**

**Source:** [SciCrunch Registry](SciCrunch Registry)

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**Usage and Citation Metrics**

We found 14 mentions in open access literature.

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


