

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

Onto-Compare

RRID:SCR_005669

Type: Tool

Proper Citation

Onto-Compare (RRID:SCR_005669)

Resource Information

URL: <http://vortex.cs.wayne.edu/projects.htm#Onto-Compare>

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Description: Microarrays are at the center of a revolution in biotechnology, allowing researchers to screen tens of thousands of genes simultaneously. Typically, they have been used in exploratory research to help formulate hypotheses. In most cases, this phase is followed by a more focused, hypothesis driven stage in which certain specific biological processes and pathways are thought to be involved. Since a single biological process can still involve hundreds of genes, microarrays are still the preferred approach as proven by the availability of focused arrays from several manufacturers. Since focused arrays from different manufacturers use different sets of genes, each array will represent any given regulatory pathway to a different extent. We argue that a functional analysis of the arrays available should be the most important criterion used in the array selection. We developed Onto-Compare as a database that can provide this functionality, based on the GO nomenclature. Compare commercially available microarrays based on GO. User account required. Platform: Online tool

Abbreviations: Onto-Compare

Resource Type: service resource, data analysis service, data or information resource, database, production service resource, analysis service resource

Defining Citation: [PMID:12664686](#), [PMID:15215428](#)

Keywords: microarray, gene, ontology, gene expression, data-mining, browser, visualization, analysis, compare, search engine, ontology or annotation browser, ontology or annotation search engine, ontology or annotation visualization, database or data warehouse, other analysis, compare commercially available microarrays based on go

Availability: Free for academic use

Resource Name: Onto-Compare

Resource ID: SCR_005669

Alternate IDs: nlx_149108

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260731T042713+0000

Ratings and Alerts

No rating or validation information has been found for Onto-Compare.

No alerts have been found for Onto-Compare.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Khare V, et al. (2013) Mesalamine modulates intercellular adhesion through inhibition of p-21 activated kinase-1. Biochemical pharmacology, 85(2), 234.