

# Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

## Onto-Compare

RRID:SCR\_005669

Type: Tool

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### Proper Citation

Onto-Compare (RRID:SCR\_005669)

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### 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:** data or information resource, production service resource, data analysis service, database, analysis service resource, 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:** 20260808T190226+0000

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## Ratings and Alerts

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

No alerts have been found for Onto-Compare.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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