

# Resource Summary Report

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## Cardiovascular Gene Ontology Annotation Initiative

RRID:SCR\_004795

Type: Tool

### Proper Citation

Cardiovascular Gene Ontology Annotation Initiative (RRID:SCR\_004795)

### Resource Information

**URL:** <http://www.ucl.ac.uk/cardiovasculargeneontology/>

**Proper Citation:** Cardiovascular Gene Ontology Annotation Initiative (RRID:SCR\_004795)

**Description:** Full Gene Ontology annotation to genes associated with cardiovascular processes. Every GO annotation made, is attributed to an identified source, such as a publication identifier (PMID), and an indication of the type of evidence which supports the association between the gene product and the GO term. Over 4,000 cardiovascular associated genes have been identified. A variety of tools have been provided to enable cardiovascular scientists to review the annotation of their "favorite" gene and suggest information that may be missing, inaccurate or incomplete in these annotations. Annotation suggestions can be sent through the feedback form or by email. The Gene Ontology (GO) vocabulary is the established standard for the functional annotation of gene products. By using GO to curate scientific literature and by integrating results from high-quality high-throughput experiments they will create an information-rich resource for the cardiovascular-research community, enabling researchers to rapidly evaluate and interpret existing data and generate hypotheses to guide future research.

**Abbreviations:** CV-GO, BHF-UCL

**Synonyms:** Cardiovascular Gene Ontology, Cardiovascular GO Annotation Initiative

**Resource Type:** data or information resource, data set

**Defining Citation:** [PMID:21419760](#), [PMID:19046747](#)

**Keywords:** cardiovascular process, heart disease, cardiovascular, heart, cardiovascular system, annotation, gene, functional annotation, gene product, gold standard

**Funding:** British Heart Foundation SP/07/007/23671

**Availability:** The community can contribute to this resource

**Resource Name:** Cardiovascular Gene Ontology Annotation Initiative

**Resource ID:** SCR\_004795

**Alternate IDs:** nlx\_79058

**Alternate URLs:** <http://www.ebi.ac.uk/GOA/CVI/>

**Record Creation Time:** 20220129T080226+0000

**Record Last Update:** 20250407T215444+0000

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## Ratings and Alerts

No rating or validation information has been found for Cardiovascular Gene Ontology Annotation Initiative.

No alerts have been found for Cardiovascular Gene Ontology Annotation Initiative.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Orchard S, et al. (2014) The MIntAct project--IntAct as a common curation platform for 11 molecular interaction databases. Nucleic acids research, 42(Database issue), D358.

Mazandu GK, et al. (2014) The use of semantic similarity measures for optimally integrating heterogeneous Gene Ontology data from large scale annotation pipelines. Frontiers in genetics, 5, 264.