

# Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

## Centre of Excellence in Bioinformatics

RRID:SCR\_008388

Type: Tool

### Proper Citation

Centre of Excellence in Bioinformatics (RRID:SCR\_008388)

### Resource Information

**URL:** <http://bioinformatics.org.au/>

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**Description:** The Australian Research Council (ARC) Centre of Excellence in Bioinformatics (ACB) is a multi-nodal interdisciplinary Center that uniquely brings together genomic and post-genomic bioinformatics, mathematics, statistics, systems analysis and experimental phenomics to produce a deep understanding of how information in the genome is transformed into structure and function in the mammalian cell. ACB is committed to: - Research excellence providing insights into genome-phenome biology. - An advanced education and training program that fosters excellence, exposes students from diverse disciplines to new perspectives in bioinformatics, and generates human capital. - Improved access to skills, tools and facilities at the interface among genomic and post-genomic biology, molecular cell biology, mathematics, statistics, and computing and information sciences. - Critical mass and a national focus for genome-phenome bioinformatics in Australia. Sponsors: This resource is supported by the following: Institute for Molecular Bioscience Newcastle Bioinformatics Initiative QosCosGrid University of Newcastle Centre for Bioinformatics, Biomarker Discovery and Information-based Medicine Keywords: Research, Bioinformatics, Multi-nodal, Interdisciplinary, Genomic, Mathematics, Statistics, System, Analysis, Experimental, Phenomics, Deep, Structure, Function, Mammalian, Cell, Biology, Education, Training, Program, Molecular, Cell biology, Mathematics, Statistics, Computation, Information, Science, Phenome,

**Synonyms:** ARC

**Resource Type:** data or information resource, organization portal, portal

**Funding:** Australian Research Council

**Resource Name:** Centre of Excellence in Bioinformatics

**Resource ID:** SCR\_008388

**Alternate IDs:** nif-0000-30036

**Record Creation Time:** 20220129T080247+0000

**Record Last Update:** 20260905T133044+0000

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## Ratings and Alerts

No rating or validation information has been found for Centre of Excellence in Bioinformatics.

No alerts have been found for Centre of Excellence in Bioinformatics.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Davis MJ, et al. (2010) Automatic, context-specific generation of Gene Ontology slim. BMC bioinformatics, 11, 498.

Shin CJ, et al. (2009) Protein-protein interaction as a predictor of subcellular location. BMC systems biology, 3, 28.

Ragan MA, et al. (2008) Genome-scale computational biology and bioinformatics in Australia. PLoS computational biology, 4(8), e1000068.

Höhl M, et al. (2007) Is multiple-sequence alignment required for accurate inference of phylogeny? Systematic biology, 56(2), 206.

Höhl M, et al. (2007) Pattern-based phylogenetic distance estimation and tree reconstruction. Evolutionary bioinformatics online, 2, 359.