

# Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

## Computational Biology and Functional Genomics Laboratory at Harvard

RRID:SCR\_010240

Type: Tool

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### Proper Citation

Computational Biology and Functional Genomics Laboratory at Harvard  
(RRID:SCR\_010240)

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### Resource Information

**URL:** <http://compbio.dfci.harvard.edu/>

**Proper Citation:** Computational Biology and Functional Genomics Laboratory at Harvard  
(RRID:SCR\_010240)

**Description:** A computational biology laboratory that builds and redistributes genetic software tools.

**Synonyms:** Quackenbush Lab

**Resource Type:** software resource

**Resource Name:** Computational Biology and Functional Genomics Laboratory at Harvard

**Resource ID:** SCR\_010240

**Alternate IDs:** nlx\_156871

**Record Creation Time:** 20220129T080257+0000

**Record Last Update:** 20260801T190406+0000

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### Ratings and Alerts

No rating or validation information has been found for Computational Biology and Functional Genomics Laboratory at Harvard.

No alerts have been found for Computational Biology and Functional Genomics Laboratory at Harvard.

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### Data and Source Information

## Usage and Citation Metrics

We found 221 mentions in open access literature.

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

Zheng X, et al. (2023) Hydrogen Sulfide Alleviates Cadmium Stress by Enhancing Photosynthetic Efficiency and Regulating Sugar Metabolism in Wheat Seedlings. *Plants* (Basel, Switzerland), 12(13).

Kim OT, et al. (2017) Characterization of the Asiatic Acid Glucosyltransferase, UGT73AH1, Involved in Asiaticoside Biosynthesis in *Centella asiatica* (L.) Urban. *International journal of molecular sciences*, 18(12).

Karaki L, et al. (2016) Genome-wide analysis identifies gain and loss/change of function within the small multigenic insecticidal Albumin 1 family of *Medicago truncatula*. *BMC plant biology*, 16, 63.

Liu X, et al. (2015) De Novo Sequencing and Analysis of the Safflower Transcriptome to Discover Putative Genes Associated with Safflor Yellow in *Carthamus tinctorius* L. *International journal of molecular sciences*, 16(10), 25657.

Galeano E, et al. (2015) Large-scale transcriptional profiling of lignified tissues in *Tectona grandis*. *BMC plant biology*, 15, 221.

Vitali V, et al. (2015) Root hydraulic conductivity and adjustments in stomatal conductance: hydraulic strategy in response to salt stress in a halotolerant species. *AoB PLANTS*, 7.

Hu H, et al. (2015) Bioinformatics analysis of small RNAs in pima (*Gossypium barbadense* L.). *PloS one*, 10(2), e0116826.

Gil-Quintana E, et al. (2015) *Medicago truncatula* and *Glycine max*: Different Drought Tolerance and Similar Local Response of the Root Nodule Proteome. *Journal of proteome research*, 14(12), 5240.

Gy??rffy B, et al. (2015) Dynamic classification using case-specific training cohorts outperforms static gene expression signatures in breast cancer. *International journal of cancer*, 136(9), 2091.

Sebastiana M, et al. (2014) Oak root response to ectomycorrhizal symbiosis establishment: RNA-Seq derived transcript identification and expression profiling. *PloS one*, 9(5), e98376.

Galli V, et al. (2014) Identifying microRNAs and transcript targets in *Jatropha* seeds. *PloS one*, 9(2), e83727.

Duarte J, et al. (2014) Transcriptome sequencing for high throughput SNP development and genetic mapping in *Pea*. *BMC genomics*, 15, 126.

Teng W, et al. (2014) ALY proteins participate in multifaceted Nep1Mo-triggered responses in *Nicotiana benthamiana* and *Arabidopsis thaliana*. *Journal of experimental botany*, 65(9), 2483.

Obulkasim A, et al. (2014) stepwiseCM: An R Package for Stepwise Classification of Cancer Samples Using Multiple Heterogeneous Data Sets. *Cancer informatics*, 13, 1.

Zhao Z, et al. (2014) Bioinformatics analysis of alternative polyadenylation in green alga *Chlamydomonas reinhardtii* using transcriptome sequences from three different sequencing platforms. *G3 (Bethesda, Md.)*, 4(5), 871.

Mishima K, et al. (2014) Transcriptome sequencing and profiling of expressed genes in cambial zone and differentiating xylem of Japanese cedar (*Cryptomeria japonica*). *BMC genomics*, 15, 219.

Nemri A, et al. (2014) The genome sequence and effector complement of the flax rust pathogen *Melampsora lini*. *Frontiers in plant science*, 5, 98.

Wey-Fabrizius AR, et al. (2014) Transcriptome data reveal Syndermatan relationships and suggest the evolution of endoparasitism in *Acanthocephala* via an epizotic stage. *PloS one*, 9(2), e88618.

Vindas MA, et al. (2014) Coping with unpredictability: dopaminergic and neurotrophic responses to omission of expected reward in Atlantic salmon (*Salmo salar* L.). *PloS one*, 9(1), e85543.

Zhang H, et al. (2014) Identification, expression and interaction analyses of calcium-dependent protein kinase (CPK) genes in canola (*Brassica napus* L.). *BMC genomics*, 15, 211.