

# Resource Summary Report

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## CRCView

RRID:SCR\_007092

Type: Tool

### Proper Citation

CRCView (RRID:SCR\_007092)

### Resource Information

**URL:** <http://crcview.hegroup.org/>

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**Description:** Web-based microarray data analysis and visualization system powered by CRC, or Chinese Restaurant cluster, a Dirichlet process model-based clustering algorithm recently developed by Dr. Steve Qin. It also incorporates several gene expression analysis programs from Bioconductor, including GOSTats, genefilter, and Heatplus. CRCView also installs from the Bioconductor system 78 annotation libraries of microarray chips for human (31), mouse (24), rat (14), zebrafish (1), chicken (1), Drosophila (3), Arabidopsis (2), Caenorhabditis elegans (1), and Xenopus Laevis (1). CRCView allows flexible input data format, automated model-based CRC clustering analysis, rich graphical illustration, and integrated Gene Ontology (GO)-based gene enrichment for efficient annotation and interpretation of clustering results. CRC has the following features comparing to other clustering tools: 1) able to infer number of clusters, 2) able to cluster genes displaying time-shifted and/or inverted correlations, 3) able to tolerate missing genotype data and 4) provide confidence measure for clusters generated. You need to register for an account in the system to store your data and analyses. The data and results can be visited again anytime you log in.

**Abbreviations:** CRCView

**Synonyms:** Chinese Restaurant ClusterView

**Resource Type:** analysis service resource, data analysis service, production service resource, service resource

**Defining Citation:** [PMID:17485426](#)

**Keywords:** microarray, gene expression, cluster, gene, expression profile, data repository, bio.tools

**Funding:** University of Michigan; Michigan; USA ;  
Institutional Fund ;  
NIH U013422;  
NIAID 1R21AI057875-01

**Availability:** Registration required

**Resource Name:** CRCView

**Resource ID:** SCR\_007092

**Alternate IDs:** biotools:crcview, nlx\_99864

**Alternate URLs:** <https://bio.tools/crcview>

**Old URLs:** <http://helab.bioinformatics.med.umich.edu/crcview/>

**Record Creation Time:** 20220129T080239+0000

**Record Last Update:** 20260912T200145+0000

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## Ratings and Alerts

No rating or validation information has been found for CRCView.

No alerts have been found for CRCView.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.