

Resource Summary Report

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South African National Bioinformatics Institute: Resources

RRID:SCR_001867

Type: Tool

Proper Citation

South African National Bioinformatics Institute: Resources (RRID:SCR_001867)

Resource Information

URL: <http://www.sanbi.ac.za/resources/>

Proper Citation: South African National Bioinformatics Institute: Resources (RRID:SCR_001867)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 23, 2022. The South African National Bioinformatics Institute delivers biomedical discovery appropriate to both international and African context. Researchers at SANBI perform the highest level of research and provide excellence in education. Research at SANBI has set well recognized milestones in the field of computational biology. The tools and techniques used have not only been developed but also implemented across heterogeneous domains of advanced research. Local and international efforts have driven our discoveries. Until recently, the core of SANBI's research has focused upon gene expression biology. Methods developed and applied at SANBI revolve around a greater understanding of the underlying causes of diseases. SANBI approaches the problem by comparison of genes, genomes and transcriptomes. It uses computational gene expression biology to create novel biological insights and to provide biomarkers for experimental validation. It also performs analysis of human genome variation, transcriptional diversity on both the expression and splicing level and the unravelling of transcriptional regulatory networks. Resources - Hinv, STACKdb, Malaria resources and Trypanosome databases are available for on-line searching. - SANBI offers WCD, STACKdb, stackPACK and eVOC and the eVOKE viewer as tools that can be downloaded. Sponsors: SANBI receives funding and support from a range of organisations in South Africa and Internationally. Organisations currently supporting SANBI include: South Africa * South African Medical Research Council * South African AIDS Vaccine Initiative * National Bioinformatics Network * National Research Foundation * Claude Leon Foundation * International Business Machines Inc. Europe * European Unions 6th Framework Programme * World Health Organization USA * US National Institutes of Health * Fogarty International Centre * Ludwig Institute for Cancer Research

Synonyms: SANBI

Resource Type: data processing software, portal, data analysis software, software resource, software application, organization portal, database, data or information resource

Keywords: expression, gene, gene expression, bioinformatics, biological, biology, biomaker, biomedical, computational biology, disease, genome, heterogeneous domain, human, splicing, transcriptional diversity, transcriptional regulatory network, transcriptome, variation

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: South African National Bioinformatics Institute: Resources

Resource ID: SCR_001867

Alternate IDs: nif-0000-10432

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260805T044029+0000

Ratings and Alerts

No rating or validation information has been found for South African National Bioinformatics Institute: Resources.

No alerts have been found for South African National Bioinformatics Institute: Resources.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.