Resource Summary Report

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ELIXIR Tools and Data Services Registry

RRID:SCR_014556
Type: Tool

Proper Citation

ELIXIR Tools and Data Services Registry (RRID:SCR_014556)

Resource Information

URL: https://elixir-europe.org/news/elixir-tools-and-data-services-registry-community-driven-curation-bioinformatics-resources

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Description: Elixir Interoperability Platform to help people and machines to discover, access, integrate and analyse biological data. Encourages life science community to adopt standardized file formats, metadata, vocabularies and identifiers and works internationally to achieve its goals. Bioinformatics resource registry that provides scientific and technical information about analytical tools and data services for bioinformatics. Gateway to databases and tools for life science data analysis.Provides comprehensive and up-to-date catalogue of resources that are interactive and downloadable, and that offer programmatic access. The registry also allows the community to upload their own resources to the registry following a simple log in procedure.

Synonyms: European Infrastructure for Biological Information Tools

Resource Type: data or information resource, topical portal, portal

Keywords: bioinformatics, data service registry, tool registry, resource registry, registry

Funding:

Availability: Free, Freely available

Resource Name: ELIXIR Tools and Data Services Registry

Resource ID: SCR_014556

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Record Creation Time: 20220129T080321+0000

Record Last Update: 20250429T055648+0000

Ratings and Alerts

No rating or validation information has been found for ELIXIR Tools and Data Services Registry.

No alerts have been found for ELIXIR Tools and Data Services Registry.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Sial N, et al. (2022) Integrative analysis reveals methylenetetrahydrofolate dehydrogenase 1-like as an independent shared diagnostic and prognostic biomarker in five different human cancers. Bioscience reports, 42(1).

Paul-Gilloteaux P, et al. (2021) Bioimage analysis workflows: community resources to navigate through a complex ecosystem. F1000Research, 10, 320.

Chiara M, et al. (2021) Next generation sequencing of SARS-CoV-2 genomes: challenges, applications and opportunities. Briefings in bioinformatics, 22(2), 616.

Harrow J, et al. (2021) ELIXIR-EXCELERATE: establishing Europe's data infrastructure for the life science research of the future. The EMBO journal, 40(6), e107409.

Saadat M, et al. (2021) Evaluation of the designed multi-epitope protein of Brucella melitensis in guinea pigs. Iranian journal of basic medical sciences, 24(6), 833.

Zaker SR, et al. (2021) Downregulation of LINC02615 Is Correlated with The Breast Cancer Progress: A Novel Biomarker for Differential Identification of Breast Cancer Tissues. Cell journal, 23(4), 414.

Ahmed AE, et al. (2021) Design considerations for workflow management systems use in production genomics research and the clinic. Scientific reports, 11(1), 21680.

Wu Z, et al. (2021) Oncogenic circDHTKD1 promotes tumor growth and metastasis of oral

squamous cell carcinoma in vitro and in vivo via upregulating miR-326-mediated GAB1. Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas, 54(10), e10837.

Kim YY, et al. (2021) Transcriptome Analyses Identify Potential Key microRNAs and Their Target Genes Contributing to Ovarian Reserve. International journal of molecular sciences, 22(19).

Duvaud S, et al. (2021) Expasy, the Swiss Bioinformatics Resource Portal, as designed by its users. Nucleic acids research, 49(W1), W216.

Villalba GC, et al. (2021) Fantastic databases and where to find them: Web applications for researchers in a rush. Genetics and molecular biology, 44(2), e20200203.

Bayat A, et al. (2020) VariantSpark: Cloud-based machine learning for association study of complex phenotype and large-scale genomic data. GigaScience, 9(8).

Salgado D, et al. (2020) The ELIXIR Human Copy Number Variations Community: building bioinformatics infrastructure for research. F1000Research, 9.

Kern F, et al. (2020) On the lifetime of bioinformatics web services. Nucleic acids research, 48(22), 12523.

Ison J, et al. (2020) Community curation of bioinformatics software and data resources. Briefings in bioinformatics, 21(5), 1697.

Ison J, et al. (2019) The bio.tools registry of software tools and data resources for the life sciences. Genome biology, 20(1), 164.

Davey NE, et al. (2019) An intrinsically disordered proteins community for ELIXIR. F1000Research, 8.

Müller H, et al. (2017) From the evaluation of existing solutions to an all-inclusive package for biobanks. Health and technology, 7(1), 89.

Hillion KH, et al. (2017) Using bio.tools to generate and annotate workbench tool descriptions. F1000Research, 6.

Baebler Š, et al. (2017) quantGenius: implementation of a decision support system for qPCR-based gene quantification. BMC bioinformatics, 18(1), 276.