Resource Summary Report

Generated by dkNET on Apr 30, 2025

MagicViewer

RRID:SCR_005648
Type: Tool

Proper Citation

MagicViewer (RRID:SCR_005648)

Resource Information

URL: http://bioinformatics.zj.cn/magicviewer/

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Description: Software to easily visualize the short reads alignment, identify the genetic variation and associate with the annotation information of reference genome. MagicViewer provides a user-friendly interface in which large-scale short reads and sequencing depth can be easily visualized in zoomable images under user definable color scheme through an operating system-independent manner with the implement of Java language. Meanwhile, it holds a versatile genetic variation annotation and visualization interface, providing details of the query options, functional classifications, subset selection, sequence association and primer design.

Abbreviations: MagicViewer

Synonyms: MagicViewer: Integrated Solution for Next-generation Sequencing Data Visualization and Genetic Variation Detection and Annotation

Resource Type: software resource

Defining Citation: PMID:20444865

Keywords: dna methylation, bisulfite sequencing

Funding:

Availability: Free, Public

Resource Name: MagicViewer

Resource ID: SCR_005648

Alternate IDs: OMICS_00887

Record Creation Time: 20220129T080231+0000

Record Last Update: 20250420T014257+0000

Ratings and Alerts

No rating or validation information has been found for MagicViewer.

No alerts have been found for MagicViewer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Li Y, et al. (2022) Clinical and molecular characteristics of myotonia congenita in China: Case series and a literature review. Channels (Austin, Tex.), 16(1), 35.

Jin X, et al. (2021) A novel variant in PAX6 as the cause of aniridia in a Chinese family. BMC ophthalmology, 21(1), 225.

Li R, et al. (2020) Two novel mutations of COL1A1 in fetal genetic skeletal dysplasia of Chinese. Molecular genetics & genomic medicine, 8(3), e1105.

Xing D, et al. (2020) Targeted exome sequencing identified a novel USH2A mutation in a Chinese usher syndrome family: a case report. BMC ophthalmology, 20(1), 485.

Zhang C, et al. (2019) A novel LOXHD1 variant in a Chinese couple with hearing loss. The Journal of international medical research, 47(12), 6082.

Zhang S, et al. (2018) A Retrospective Review of Microbiological Methods Applied in Studies Following the Deepwater Horizon Oil Spill. Frontiers in microbiology, 9, 520.

Wu X, et al. (2018) A novel mutation in the VHL gene in a Chinese family with von Hippel-Lindau disease. BMC medical genetics, 19(1), 204.

Zhang W, et al. (2017) Identification of a missense mutation of COL3A1 in a Chinese family

with atypical Ehlers-Danlos syndrome using targeted next-generation sequencing. Molecular medicine reports, 15(2), 936.

Wang Q, et al. (2017) Different Phenotypes of the Two Chinese Probands with the Same c.889G>A (p.C162Y) Mutation in COCH Gene Verify Different Mechanisms Underlying Autosomal Dominant Nonsyndromic Deafness 9. PloS one, 12(1), e0170011.

Cai XB, et al. (2016) Novel CHM mutations identified in Chinese families with Choroideremia. Scientific reports, 6, 35360.

Luo H, et al. (2016) A novel deleterious mutation in the COMP gene that causes pseudoachondroplasia. Human genome variation, 3, 16009.

Yang L, et al. (2015) A Novel WRN Frameshift Mutation Identified by Multiplex Genetic Testing in a Family with Multiple Cases of Cancer. PloS one, 10(8), e0133020.

Pavlopoulos GA, et al. (2015) Visualizing genome and systems biology: technologies, tools, implementation techniques and trends, past, present and future. GigaScience, 4, 38.

Liu X, et al. (2015) Screening Mutations of MYBPC3 in 114 Unrelated Patients with Hypertrophic Cardiomyopathy by Targeted Capture and Next-generation Sequencing. Scientific reports, 5, 11411.

de Brevern AG, et al. (2015) Trends in IT Innovation to Build a Next Generation Bioinformatics Solution to Manage and Analyse Biological Big Data Produced by NGS Technologies. BioMed research international, 2015, 904541.