Resource Summary Report

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Opal Research

RRID:SCR_000405
Type: Tool

Proper Citation

Opal Research (RRID:SCR_000405)

Resource Information

URL: http://www.omicia.com/products/opal-research

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Description: Software which integrates a comprehensive, automated genome annotation engine with the VAAST and Phevor disease gene prioritization tools to rank gene variants on the severity of their impact on protein function and likelihood to cause disease. Each variant in a gene is analyzed for its impact on protein function, conservation and frequency. Each gene is ranked rather than filtered in order to ensure critical targets are not prematurely removed.

Synonyms: Omicia Opal Research, Omicia Opal, Opal Research Variant Interpretation

Resource Type: sequence analysis software, data processing software, software resource, software application, data analysis software

Defining Citation: PMID:23895124

Keywords: sequence analysis software, genome interpretation, variant prioritization, disease gene prioritization, next-generation sequencing, clinical interpretation, clinical genomics software, genome, protein function, disease, genomic variant, mutation

Funding:

Availability: Commercial SaaS

Resource Name: Opal Research

Resource ID: SCR_000405

Alternate IDs: SciRes_000140

License URLs: http://www.omicia.com/terms-of-use/

Record Creation Time: 20220129T080201+0000

Record Last Update: 20250412T054540+0000

Ratings and Alerts

No rating or validation information has been found for Opal Research.

No alerts have been found for Opal Research.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kurien P, et al. (2019) TIMELESS mutation alters phase responsiveness and causes advanced sleep phase. Proceedings of the National Academy of Sciences of the United States of America, 116(24), 12045.