

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## Opal Research

RRID:SCR\_000405

Type: Tool

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### Proper Citation

Opal Research (RRID:SCR\_000405)

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### Resource Information

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

**Proper Citation:** Opal Research (RRID:SCR\_000405)

**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:** data processing software, data analysis software, software resource, sequence analysis software, software application

**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

**Availability:** Restricted

**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:** 20260805T044007+0000

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## Ratings and Alerts

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

No alerts have been found for Opal Research.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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.