

# Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

## VariantSpark

RRID:SCR\_018383

Type: Tool

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### Proper Citation

VariantSpark (RRID:SCR\_018383)

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### Resource Information

**URL:** <https://bioinformatics.csiro.au/variantspark/>

**Proper Citation:** VariantSpark (RRID:SCR\_018383)

**Description:** Software toolkit for genome wide association studies optimized for GWAS like datasets by CSIRO. Machine learning framework that creates insights from high dimensional data, including genomics and clinical data.

**Resource Type:** software application, software resource, software toolkit, data processing software

**Keywords:** Machine learning framework, high dimensional data, genomic data, clinical data, genome wide association, GWAS dataset, CSIRO

**Availability:** Free, Freely available

**Resource Name:** VariantSpark

**Resource ID:** SCR\_018383

**Alternate URLs:** <https://github.com/aeherc/VariantSpark>,  
<https://aws.amazon.com/marketplace/pp/B07YVND4TD>

**License:** CSIRO Open Source Software Licence

**License URLs:** <https://github.com/aeherc/VariantSpark/blob/master/LICENSE>

**Record Creation Time:** 20220129T080340+0000

**Record Last Update:** 20260727T040715+0000

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### Ratings and Alerts

No rating or validation information has been found for VariantSpark.

No alerts have been found for VariantSpark.

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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 [SPARC SAWG](#) .

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