

# Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

## VAPPER

RRID:SCR\_016993

Type: Tool

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### Proper Citation

VAPPER (RRID:SCR\_016993)

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### Resource Information

**URL:** <https://github.com/PGB-LIV/VAPPER>

**Proper Citation:** VAPPER (RRID:SCR\_016993)

**Description:** Software tool for analysis of variant antigens in African trypanosomes. Used for quantitative analysis of antigenic diversity in systems data of genomes, transcriptomes, and proteomes, called Variant Antigen Profiling to understand how antigenic diversity relates to clinical outcome, how antigen genes may be used as epidemiological markers of virulence, and in measuring gene expression during experimental infections.

**Abbreviations:** VAPPER

**Synonyms:** VAP, VariantAntigenProfilingPER

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

**Keywords:** variant, antigen, profiling, data, genome, transcriptome, proteome, gene, expression, infection, Trypanosoma, bio.tools

**Availability:** Free, Available for download, Freely available

**Resource Name:** VAPPER

**Resource ID:** SCR\_016993

**Alternate IDs:** biotools:VAPPER

**Alternate URLs:** <https://bio.tools/VAPPER>

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260912T195847+0000

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### Ratings and Alerts

No rating or validation information has been found for VAPPER.

No alerts have been found for VAPPER.

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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](#) .

Silva Pereira S, et al. (2019) VAPPER: High-throughput variant antigen profiling in African trypanosomes of livestock. GigaScience, 8(9).