

Resource Summary Report

Generated by T1D on Aug 1, 2026

VAPPER

RRID:SCR_016993

Type: Tool

Proper Citation

VAPPER (RRID:SCR_016993)

Resource Information

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

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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 processing software, data analysis 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: 20260801T042804+0000

Ratings and Alerts

No rating or validation information has been found for VAPPER.

No alerts have been found for VAPPER.

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 [T1D](#) .

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