

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## pepStat

RRID:SCR\_006240

Type: Tool

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### Proper Citation

pepStat (RRID:SCR\_006240)

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### Resource Information

**URL:** <https://github.com/RGLab/pepStat>

**Proper Citation:** pepStat (RRID:SCR\_006240)

**Description:** Software for statistical analysis of peptide microarrays. It uses an integrated analytical method for analyzing peptide microarray antibody binding data, from normalization through subject-specific positivity calls and data integration and visualization.

**Resource Type:** software resource

**Defining Citation:** [PMID:23770318](#)

**Keywords:** standalone software

**Resource Name:** pepStat

**Resource ID:** SCR\_006240

**Alternate IDs:** OMICS\_04027

**Record Creation Time:** 20220129T080235+0000

**Record Last Update:** 20260725T190616+0000

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### Ratings and Alerts

No rating or validation information has been found for pepStat.

No alerts have been found for pepStat.

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### Data and Source Information

## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Shen X, et al. (2025) A Pentavalent HIV-1 Subtype C Vaccine Containing Computationally Selected gp120 Strains Improves the Breadth of V1V2 Region Responses. *Vaccines*, 13(2).

Woellner-Santos D, et al. (2024) Schistosoma mansoni vaccine candidates identified by unbiased phage display screening in self-cured rhesus macaques. *NPJ vaccines*, 9(1), 5.

Williams LD, et al. (2023) Viral vector delivered immunogen focuses HIV-1 antibody specificity and increases durability of the circulating antibody recall response. *PLoS pathogens*, 19(5), e1011359.

Falconi-Agapito F, et al. (2021) Dynamics of the Magnitude, Breadth and Depth of the Antibody Response at Epitope Level Following Dengue Infection. *Frontiers in immunology*, 12, 686691.

Shen X, et al. (2020) HIV-1 Vaccine Sequences Impact V1V2 Antibody Responses: A Comparison of Two Poxvirus Prime gp120 Boost Vaccine Regimens. *Scientific reports*, 10(1), 2093.

Dezs? Z, et al. (2020) Machine learning prediction of oncology drug targets based on protein and network properties. *BMC bioinformatics*, 21(1), 104.

K?ska P, et al. (2019) Meat Proteins as Dipeptidyl Peptidase IV Inhibitors and Glucose Uptake Stimulating Peptides for the Management of a Type 2 Diabetes Mellitus In Silico Study. *Nutrients*, 11(10).

Singh G, et al. (2017) In silico functional elucidation of uncharacterized proteins of Chlamydia abortus strain LLG. *Future science OA*, 3(1), FSO169.