

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[pepStat](#)

RRID:SCR_006240

Type: Tool

Proper Citation

pepStat (RRID:SCR_006240)

Resource Information

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

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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: 20260815T182321+0000

Ratings and Alerts

No rating or validation information has been found for pepStat.

No alerts have been found for pepStat.

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 [NIF](#) .

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.