

Resource Summary Report

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Agadir

RRID:SCR_008402

Type: Tool

Proper Citation

Agadir (RRID:SCR_008402)

Resource Information

URL: <http://www.embl-heidelberg.de/Services/serrano/agadir/agadir-start.html>

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Description: A prediction algorithm based on the helix/coil transition theory. Agadir predicts the helical behaviour of monomeric peptides. It only considers short range interactions. Conditions such as pH, temperature and ionic strength are used in the calculation. Modifications of the termini are also allowed. To submit a job to Agadir, log in the calculation part using the login button in the right bottom. Then fill-in the input form and proceed to next page, etc. You will reach a final page that resumes all the input information and allows you to run the calculation. You can submit one or more peptide sequences in one-letter format. Sequences should be separated by one return character. Spaces and tabulations are automatically removed. Only standard amino acids are accepted. Agadir accepts two modifications at the N-terminus (acetylation or succinylation), and one at the C-terminus (amidation). Just choose the desired option in the input form. You can use only one set of parameters: temperature, ionic strength (calibrated for NaCl) and pH, or explore a particular range of conditions for one parameter. In the latter case the intervals between any two values are: Ionic strength 0.05 M Temperature 1 K pH 0.2 units When setting the conditions for these parameters please be aware that the allowed ranges are: Ionic strength between 0.001 and 1 M Temperature between 273 and 400 K pH between 1 and 14 Output of the prediction at the residue level is available only when submitting no more than ten peptide sequences, and without any screening of conditions. Hstaple is the Hydrophobic Staple motif, Schellman is the Shellman motif, CaH are the expected chemical shifts of the Calpha proton, ¹³Ca are the alpha Carbon ¹³ chemical shifts, JaN is the Jalpha--nitrogen coupling.

Synonyms: Agadir

Resource Type: algorithm

Resource Name: Agadir

Resource ID: SCR_008402

Alternate IDs: nif-0000-30072

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260912T195703+0000

Ratings and Alerts

No rating or validation information has been found for Agadir.

No alerts have been found for Agadir.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 55 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Yuan J, et al. (2026) LacI strikes a balance between stability and inducibility. Nucleic acids research, 54(6).

Lkoul A, et al. (2025) Sleep Quality Assessment in Intensive Care Units: Comparing Actigraphy and the Richards Campbell Sleep Questionnaire-A Pilot Study in the Moroccan Context. Clocks & sleep, 7(3).

Flores E, et al. (2025) Correlating disordered activation domain ensembles with gene expression levels. Biophysical reports, 5(1), 100195.

Peters MH, et al. (2025) Rationally designed, ACE2 mimetic binder to the SARS Cov-2 associated Spike protein for COVID-19 therapeutics and beyond. Scientific reports, 15(1), 37120.

Blaak H, et al. (2025) Satisfaction and Self-Confidence of Moroccan Nursing Students in Simulation-Based Learning and Their Associations with Simulation Design Characteristics and Educational Practices. Nursing reports (Pavia, Italy), 15(5).

Rogua H, et al. (2025) Epidemiological Profile of HPV Genotypes Among Moroccan Women with High-Grade Squamous Lesions and Invasive Cervical Cancer from Souss-Massa Region. Tropical medicine and infectious disease, 10(3).

Granier M, et al. (2025) Population shifts in begomoviruses associated with tomato yellow leaf curl disease in western Mediterranean countries. bioRxiv : the preprint server for biology.

Rouijel S, et al. (2024) Awareness, Knowledge and Attitudes Toward Management of Avulsed Permanent Incisors Among Primary School Teachers. Clinical, cosmetic and

investigational dentistry, 16, 267.

Kissani N, et al. (2024) The burden of headache disorders in the adult population of Morocco: estimates, and a health-care needs assessment, from a cross-sectional population-based door-to-door survey. *The journal of headache and pain*, 25(1), 227.

Haddad H, et al. (2024) Evaluation of the Antibacterial Activity of New Dermaseptin Derivatives against *Acinetobacter baumannii*. *Pharmaceuticals (Basel, Switzerland)*, 17(2).

Ramdani FZ, et al. (2024) Internet addiction, social phobia, substance abuse, and depression in the university setting: a cross-sectional study in the southern region of Morocco. *Frontiers in psychology*, 15, 1398989.

Haddad H, et al. (2024) Evaluation of the antiviral activity of new dermaseptin analogs against Zika virus. *Biochemistry and biophysics reports*, 39, 101747.

Kissani N, et al. (2024) The prevalence of headache in the adult population of Morocco: a cross-sectional population-based study. *The journal of headache and pain*, 25(1), 49.

Conlon JM, et al. (2023) Purification, conformational analysis and cytotoxic activities of host-defense peptides from the Tungara frog *Engystomops pustulosus* (Leptodactylidae; Leiuperinae). *Amino acids*, 55(10), 1349.

Derdouri A, et al. (2023) Spatiotemporal Thermal Variations in Moroccan Cities: A Comparative Analysis. *Sensors (Basel, Switzerland)*, 23(13).

Pintado-Grima C, et al. (2023) aSynPEP-DB: a database of biogenic peptides for inhibiting α -synuclein aggregation. *Database : the journal of biological databases and curation*, 2023.

Sato N, et al. (2023) Rational peptide design for inhibition of the KIX-MLL interaction. *Scientific reports*, 13(1), 6330.

Reddy CN, et al. (2021) Designing BH3-Mimetic Peptide Inhibitors for the Viral Bcl-2 Homologues A179L and BHRF1: Importance of Long-Range Electrostatic Interactions. *ACS omega*, 6(41), 26976.

Marih L, et al. (2021) Missed opportunities for HIV testing in patients newly diagnosed with HIV in Morocco. *BMC infectious diseases*, 21(1), 48.

Zhao VY, et al. (2021) Switching an active site helix in dihydrofolate reductase reveals limits to subdomain modularity. *Biophysical journal*, 120(21), 4738.