Resource Summary Report

Generated by NIF on Aug 27, 2026

NeuroPedia

RRID:SCR_001551
Type: Tool

Proper Citation

NeuroPedia (RRID:SCR_001551)

Resource Information

URL: http://proteomics.ucsd.edu/Software/NeuroPedia/index.html

Proper Citation: NeuroPedia (RRID:SCR_001551)

Description: A neuropeptide encyclopedia of peptide sequences (including genomic and taxonomic information) and spectral libraries of identified MS/MS spectra of homolog neuropeptides from multiple species.

Abbreviations: NeuroPedia

Synonyms: NeuroPedia: Neuropeptide database and spectra library

Resource Type: data or information resource, database

Defining Citation: PMID:21821666

Keywords: proteomics, peptide, neuropeptide, mass spectrometry assay, peptide sequence, spectrum, homolog

Funding: NCRR P41-RR024851;
NIDA 5K01DA23065;
NINDS R01 NS24553;
NIDA R01 DA04271;
NIMH R01 MH077305;
NHLBI P01 HL58120

Availability: Free, Freely available

Resource Name: NeuroPedia

Resource ID: SCR_001551

Alternate IDs: nlx_152894

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260821T193631+0000

Ratings and Alerts

No rating or validation information has been found for NeuroPedia.

No alerts have been found for NeuroPedia.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Xiao B, et al. (2025) A comprehensive dataset of therapeutic peptides on multi-function property and structure information. Scientific data, 12(1), 1213.

Zhang T, et al. (2024) The subcommissural organ regulates brain development via secreted peptides. bioRxiv : the preprint server for biology.

Podvin S, et al. (2024) Human iN neuronal model of schizophrenia displays dysregulation of chromogranin B and related neuropeptide transmitter signatures. Molecular psychiatry, 29(5), 1440.

Sountoulidis A, et al. (2023) A topographic atlas defines developmental origins of cell heterogeneity in the human embryonic lung. Nature cell biology, 25(2), 351.

Avgan N, et al. (2023) Association Study of a Comprehensive Panel of Neuropeptide-Related Polymorphisms Suggest Potential Roles in Verbal Learning and Memory. Genes, 15(1).

Podvin S, et al. (2022) Dysregulation of Neuropeptide and Tau Peptide Signatures in Human Alzheimer's Disease Brain. ACS chemical neuroscience, 13(13), 1992.

Chen Y, et al. (2021) Identification of Neuropeptides as Potential Crosstalks Linking Down Syndrome and Periodontitis Revealed by Transcriptomic Analyses. Disease markers, 2021, 7331821.

Hashemi ZS, et al. (2021) In silico Approaches for the Design and Optimization of Interfering Peptides Against Protein-Protein Interactions. Frontiers in molecular biosciences, 8, 669431.

Zhou CX, et al. (2021) Quantitative Peptidomics of Mouse Brain After Infection With Cyst-Forming Toxoplasma gondii. Frontiers in immunology, 12, 681242.

Tai KY, et al. (2020) Selected neuropeptide genes show genetic differentiation between Africans and non-Africans. BMC genetics, 21(1), 31.

Boji?? T, et al. (2015) In silico Therapeutics for Neurogenic Hypertension and Vasovagal Syncope. Frontiers in neuroscience, 9, 520.

Craft GE, et al. (2013) Recent advances in quantitative neuroproteomics. Methods (San Diego, Calif.), 61(3), 186.