Resource Summary Report

Generated by <u>dkNET</u> on Apr 26, 2025

NeuroPedia

RRID:SCR_001551 Type: Tool

Proper Citation

NeuroPedia (RRID:SCR_001551)

Resource Information

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

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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

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Resource Name: NeuroPedia

Resource ID: SCR_001551

Alternate IDs: nlx_152894

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250426T055447+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 11 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

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.