Resource Summary Report

Generated by NIF on Apr 21, 2025

Peptide Sequence Database

RRID:SCR_005764
Type: Tool

Proper Citation

Peptide Sequence Database (RRID:SCR_005764)

Resource Information

URL: http://edwardslab.bmcb.georgetown.edu/downloads/

Proper Citation: Peptide Sequence Database (RRID:SCR_005764)

Description: The Peptide Sequence Database contains putative peptide sequences from human, mouse, rat, and zebrafish. Compressed to eliminate redundancy, these are about 40 fold smaller than a brute force enumeration. Current and old releases are available for download. Each species'' peptide sequence database comprises peptide sequence data from releveant species specific UniGene and IPI clusters, plus all sequences from their consituent EST, mRNA and protein sequence databases, namely RefSeq proteins and mRNAs, UniProt''s SwissProt and TrEMBL, GenBank mRNA, ESTs, and high-throughput cDNAs, HInv-DB, VEGA, EMBL, IPI protein sequences, plus the enumeration of all combinations of UniProt sequence variants, Met loss PTM, and signal peptide cleavages. The README file contains some information about the non amino-acid symbols O (digest site corresponding to a protein N- or C-terminus) and J (no digest sequence join) used in these peptide sequence databases and information about how to configure various search engines to use them. Some search engines handle (very) long sequences badly and in some cases must be patched to use these peptide sequence databases. All search engines supported by the PepArML meta-search engine can (or can be patched to) successfully search these peptide sequence databases.

Abbreviations: PepSeqDB

Resource Type: database, data or information resource

Keywords: peptide, sequence

Funding:

Resource Name: Peptide Sequence Database

Resource ID: SCR_005764

Alternate IDs: nlx_149230

Record Creation Time: 20220129T080232+0000

Record Last Update: 20250420T015524+0000

Ratings and Alerts

No rating or validation information has been found for Peptide Sequence Database.

No alerts have been found for Peptide Sequence Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.