

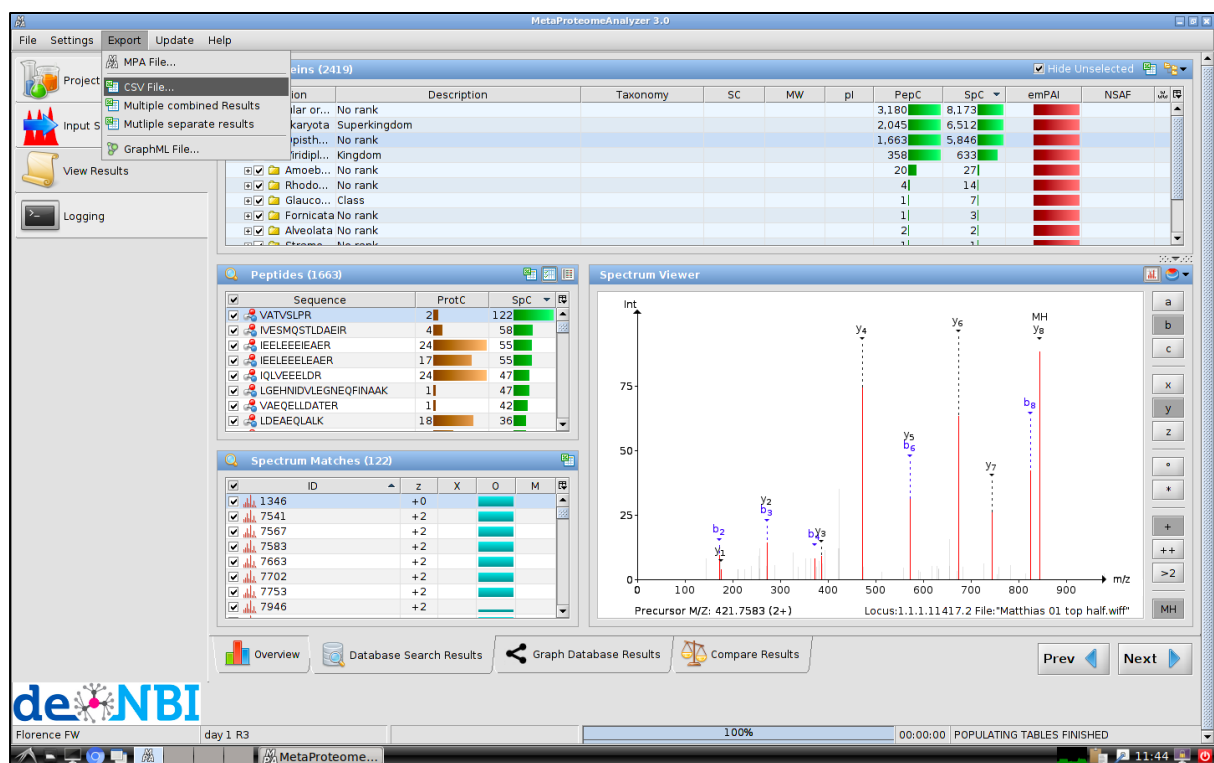
MetaProteomeAnalyzer Data

If using Chordomics for metaproteomics samples one must first upload the data to the MetaProteomeAnalyzer (MPA).

Users must export the Metaproteins file from the MPA and upload it to Chordomics for processing. This short walkthrough will explain how to get this file.

Walkthrough

When viewing the results of the MPA select the Export tab and the option “CSV File”.



Select the Meta-Proteins tab on the popup.

Then select Export Metaproteins ensuring that all fields are selected.

The screenshot displays the MetaProteomeAnalyzer 3.0 software interface. The main window is titled "MetaProteomeAnalyzer 3.0" and features a menu bar (File, Settings, Export, Update, Help) and a sidebar with icons for Project, Input Spectra, View Results, and Logging. The central panel is divided into three sections: Proteins (2419), Peptides (1663), and Spectrum Matches (122). The Proteins section shows a table with columns for Accession, Description, Taxonomy, SC, MW, pI, PepC, SpC, emPAI, and NSAF. The Peptides section shows a list of sequences with checkboxes. The Spectrum Matches section shows a list of matches with checkboxes. A "Results Export" dialog box is open, displaying a tree view of exportable data: Krona Data, Protein Taxonomy, Chord Data, Meta-Proteins, Proteins, Peptides, PSMs, and Identified Spectra. The "Meta-Proteins" folder is selected, and a list of fields is shown with checkboxes. The "Export Metaproteins" button is highlighted. The background shows a mass spectrum plot with peaks labeled y₄, y₅, y₆, y₇, y₈, b₂, b₃, and MH. The x-axis is m/z (0 to 900) and the y-axis is relative intensity. The status bar at the bottom indicates "day 1 R3" and "100%".

MetaProteomeAnalyzer 3.0

File Settings Export Update Help

Project

Input Spectra

View Results

Logging

Proteins (2419)

Hide Unselected

Accession Description Taxonomy SC MW pI PepC SpC emPAI NSAF

cellular or... No rank 3,180 8,173

Eukaryota Superkingdom 2,045 6,512

Opieth... No rank 1,663 5,846

Viridipl... Kingdom 358 633

Amoeb... No rank 20 271

Rhodo... No rank 41 14

Glauco... Class 11 7

Fornicata No rank 11 3

Alveolata No rank 21 2

Chloro... No rank 11 1

Peptides (1663)

Sequence

VATVSLPR

NESMQSTLDAEIR

IEELEEEIEAER

IEELEEEIEAER

IQLVEEELDR

LGEHNIDVLEGNEQFINAAK

VAEQELLDATER

LDEAEQLALK

Spectrum Matches (122)

ID z

1346 +

7541 +

7567 +2

7583 +2

7663 +2

7702 +2

7753 +2

7946 +2

Results Export

Krona Data Protein Taxonomy Chord Data

Meta-Proteins Proteins Peptides PSMs Identified Spectra

Meta-Protein No. Peptide Count

Meta-Protein Accession Spectral Count

Meta-Protein Description Proteins

Meta-Protein Taxonomy Peptides

Meta-Protein UniRef100 Meta-Protein KO

Meta-Protein UniRef90 Meta-Protein EC

Meta-Protein UniRef50

Export Metaproteins Close Cancel

Overview Database Search Results Graph Database Results Compare Results

Prev Next

de NBI

Florence FW day 1 R3 100% 00:00:00 POPULATING TABLES FINISHED

MetaProteome...

11:44