

1. Register to PRIDE
2. Download submission tool
<https://www.ebi.ac.uk/pride/markdownpage/pridesubmissiontool>
3. Collect the following information and files:
result files from Proteome Discoverer (excel in many cases) or MaxQuant protein groups. Peptides.txt
gel images
excel sheet with samples written as in the manuscript and how they are related to data files (.raw)
.raw files
4. Methods-part

Project title (30-5000characters)

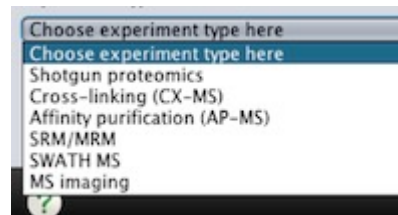
Keywords

Project description (30-5000characters)

Sample processing protocol (30-5000characters)

Data processing protocol (30-5000characters)

Experiment type:



Step 1: Login (1/10)
Login to your PRIDE account

ProteomeXchange

Email*
pridestudent@ebi.ac.uk

Password*
.....

Register New User

Cancel Back Login

Use partial submission !!

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Step 1: Submission Type (1/11)
Selection of Submission Type

ProteomeXchange

Choose submission option below Controlled access data

Complete Submission (recommended)

Use this option if you can provide your identification results in either mzIdentML or mzTab. It will then be possible to fully integrate the results in PRIDE and visualise them (e.g. as required by MCP).

In addition to a PXD identifier, a permanent Digital Object Identifier (DOI) will be provided to uniquely identify the dataset.

Partial Submission

You should only choose this option if your search results cannot be converted to mzIdentML or mzTab. Identifications will not be integrated in PRIDE. However, files will be made available to download (and may be visualised with other external tools).

A PXD identifier will be provided to uniquely identify the dataset, but not a DOI.

Resubmission Bulk submission Submission guidelines More about ProteomeXchange

Cancel Back Next

Step 2: Dataset Details (2/10)
Please provide some details about your dataset

ProteomeXchange

Project title* (30 to 5000 characters)
15-141 The endoplasmic reticulum-associated mRNA-binding protein ERBP1

Keywords*
RNA-binding proteins; Trypanosoma brucei; post-transcriptional control

Project description* (50 to 5000 characters)
Proteases with the endoplasmic reticulum, like ERBP1, and that the two proteins interact in vivo. Loss of ERBP1 from bloodstream trypomastigotes initially resulted in a growth defect but proliferation was restored after more prolonged cultivation. Results from a pull-down of tagged ERBP1 suggest that it preferentially binds to ribosomal protein mRNAs. The ERBP1 sequence resembles that of Saccharomyces cerevisiae Bf1, which also localises to the endoplasmic reticulum and binds to ribosomal protein mRNAs. However, unlike Bf1, ERBP1 does not bind to mRNAs encoding secreted proteins, and it is also not recruited to stress granules after starvation.

Sample processing protocol* (50 to 5000 characters)
To purify TAP-ERBP1 for mass spectrometry, the protein was subjected to two steps of affinity purification. Briefly, the cleared lysate was incubated with IgG sepharose beads, washed, and then bound proteins were released using TEV protease. The resulting preparation was then allowed to adhere to a calmodulin affinity column, and proteins were eluted with EGTA. Co-purifying proteins from three independent experiments were analyzed by LC/MS by the ZMBH Mass Spectrometry facility. Cell lines expressing TAP-GFP served as control.

Data processing protocol* (50 to 5000 characters)
with Scaffold delta-mass correction. Protein identifications were accepted if they could be established at greater than 95.0% probability and contained at least 2 identified peptides. Protein probabilities were assigned by the Protein Prophet algorithm (Neurich et al. Anal. Chem. 2003;75(17):4646-58). Proteins that contained similar peptides and could not be differentiated based on MS/MS analysis alone were grouped to satisfy the principles of parsimony.

Experiment type*
Choose experiment type here
Affinity purification (AP-MS) [X]

? [Cancel] [Back] [Next]

Step 3: Add Files (3/11)
 Add the files you want to submit

ProteomeXchange

Which are the required file types?

| File Name | PATH / URL | File Size | File Type | Remove |
|-------------------------|--|-----------|-----------|--------|
| E25D070-19-88-18.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 990... | RAW | ✗ |
| E25D070-19-88-19.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 108... | RAW | ✗ |
| E25D070-19-88-20.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 138... | RAW | ✗ |
| E25D070-19-88-22.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 890... | RAW | ✗ |
| E25D070-19-88-23.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 995... | RAW | ✗ |
| E25D070-19-88-24.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 132... | RAW | ✗ |
| E25D070-19-88-26.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 776... | RAW | ✗ |
| E25D070-19-88-27.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 884... | RAW | ✗ |
| E25D070-19-88-28.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 153... | RAW | ✗ |
| E25D070-19-88-30.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 859... | RAW | ✗ |
| E25D070-19-88-31.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 809... | RAW | ✗ |
| E25D070-19-88-32.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 126... | RAW | ✗ |
| E25D070-19-88-34.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 767... | RAW | ✗ |
| E25D070-19-88-35.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 767... | RAW | ✗ |
| E25D070-19-88-36.raw | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\E... | 136... | RAW | ✗ |
| 19-88.png | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\I... | 784... | GEL | ✗ |
| 19-88_peptides.txt | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\I... | 156... | SEARCH | ✗ |
| 19-88_proteinGroups.txt | V:\2019_lab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\I... | 718... | SEARCH | ✗ |

Results must be specified as search!

gel image was already recognized

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Step 5: Relationships between files (5/11)

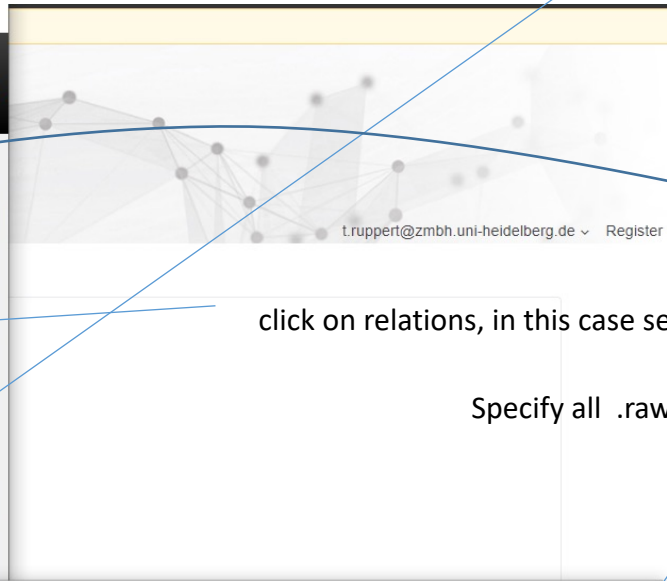
Specify and check the files used for producing the results

Result files Click on "Relation" button to add or remove related files

| File Name | PATH / URL | Type | ... | Add Relation |
|------------------------|--|--------|-----|--------------|
| 19-88_peptides.txt | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\19-8... | SEARCH | 1 | + Relation |
| 19-88_proteinGroups... | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\19-8... | SEARCH | 1 | + Relation |
| 19-125_peptides.txt | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-125_Clayton\19-... | SEARCH | 1 | + Relation |
| 19-125_proteinGroup... | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-125_Clayton\19-... | SEARCH | 1 | + Relation |
| 19-256_peptides.txt | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\19-... | SEARCH | 1 | + Relation |
| 19-256_proteinGroup... | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\19-... | SEARCH | 1 | + Relation |
| 19-305_peptides.txt | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\19-... | SEARCH | 0 | + Relation |
| 19-305_proteinGroup... | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\19-... | SEARCH | 0 | + Relation |

Related files Files relate to the selected result file

| File Name | PATH / URL | Type | Remove |
|-----------|--|------|--------|
| 19-88.png | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-88_Clayton\19-88.png | GEL | ✖ |



click on relations, in this case search results (peptides.txt) of project 19-256

Specify all .raw files related to search results of project 19-256

Select related files from below

| + / - | File Name | PATH / URL | Type |
|--------------------------|-----------------------|---|------|
| <input type="checkbox"/> | E25D070-19-256-23.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\second_run\E25... | RAW |
| <input type="checkbox"/> | E25D070-19-256-24.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\second_run\E25... | RAW |
| <input type="checkbox"/> | E25D070-19-256-26.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\second_run\E25... | RAW |
| <input type="checkbox"/> | E25D070-19-256-27.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\second_run\E25... | RAW |
| <input type="checkbox"/> | E25D070-19-256-28.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\second_run\E25... | RAW |
| <input type="checkbox"/> | 19-256.png | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-256_Clayton\19-256.png | GEL |
| <input type="checkbox"/> | E25D070-19-305-02.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\E25D070-19-305... | RAW |
| <input type="checkbox"/> | E25D070-19-305-03.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\E25D070-19-305... | RAW |
| <input type="checkbox"/> | E25D070-19-305-04.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\E25D070-19-305... | RAW |
| <input type="checkbox"/> | E25D070-19-305-06.raw | V:\2019_ilab\Clayton\PRIDE_19-88_19-256_19-305\19-305_Clayton\E25D070-19-305... | RAW |

Step 5 to 9; Just some information about organism etc

Tip: Tick "Apply to all" if you want the same values applied across all the experimental result files.

Species* Apply to all

Choose sample species here
Homo sapiens (Human) ✖

Tissue* Apply to all

Choose tissue here
Blood ✖

Instrument* Apply to all

Choose MS instruments here
Thermo Scientific Q Exactive ✖

Cell type

Choose cell type here
B cell

Disease Apply to all


Choose disease here
Acute leukemia ✖

Quantification method

Choose quantification method here
Spectrum counting

Experimental factor ⓘ

technical replicate 1]

Lab Head 

Please provide contact details of your lab head

Name (required)

Lab head's first name and last name, i.e. John Smith

Email (required)

Lab head's email address


Affiliation (required)

Lab head's affiliation, such as: department, lab, institute and country


NOTE: We are collecting this information for grouping submissions by lab and as a contact backup.

Cancel Back Next


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Step 11: Submission (11/11) 


Submission progress

 **All your files have been uploaded successfully**

100% completed - 8,812 of 8,812 MB [111 of 111 files] ✓



[Click here to provide more detailed feedback](#)

 **Your submission reference: 1-20210510-62244**

Please note: your submission reference is **not** an accession number.
We aim to process all submissions within five working days, however at certain times, it might take longer.

Help New Feed...