## **Proteomics Exercise Week 6 Part 1**

1. Go to <a href="www.uniprot.org">www.uniprot.org</a> and select the "Retrieve/ID mapping" link.

2. Open the file "ProteomicsDemoList1.txt". Copy/paste this list of identifiers into the box, or browse and load the file.

Select the options "Gene Name" to "UniProtKB" and Organism = "Human" [9606].

Tip: Be careful not to select a "Human Virus" or another organism with "Human" as part of the name.

Then select "go."

3. Observe the results.

Select filter by "Reviewed" to limit to Human Reviewed Entries. The reasons for this step are covered in the Demo.

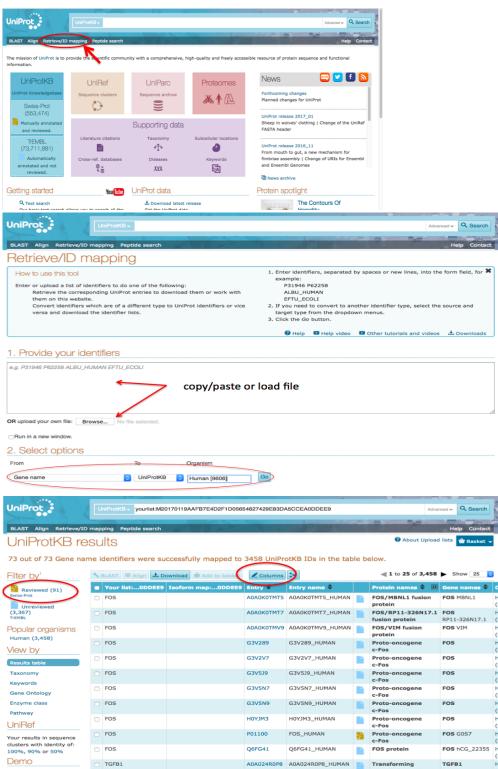
After filtering, select the "Columns" button.

4. Edit the columns as described in the demo and UniProt demo video on online help.

Remove the "isoform mapping" column.

Add the "Gene names (primary)" column.

Reorder the columns so that "Your list..." and "Gene names (primary)" are next to each



other and near the first columns.

Select "Save."

## 5. Select all entries.

We will now review the list for incorrect matches to old gene names or duplicate matches.

We will deselect the entries we do not want. See the demo video for examples.

When done, select "Add to basket." Then select "Basket," then "Full View."

You should have 73 IDs mapped to 73 UniProt Entries.

6. Select the columns again and add annotation as described in Demo.

Select "Save."

7. Select "Download."

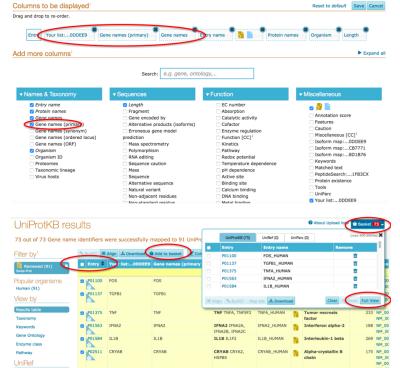
Select "uncompressed."

Select "Excel or tab-separated."

That is it. You have now mapped your identifiers to other resources and added functional information.

Save this Excel sheet—we will use this information in the next part of this exercise.

## Customize results table



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