



# UniDownloader (Udr) Documentation

## Introduction:

UniDownloader (UDr), is a tool to download correctly proteins sequences as fasta format from UniProt (<https://www.UniProt.org/>). UDr uses query to hit accurately and download all the proteins sequences of a particular organism or a whole taxonomy level protein sequences.

## Software requirements:

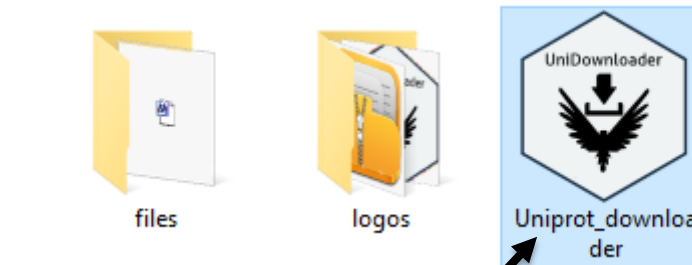
This software is compatible with Microsoft Windows XP with SP3, Windows XP Professional with SP2 64-bit system, Windows 7 SP1 64-bit system and Microsoft windows server 2008 standard.





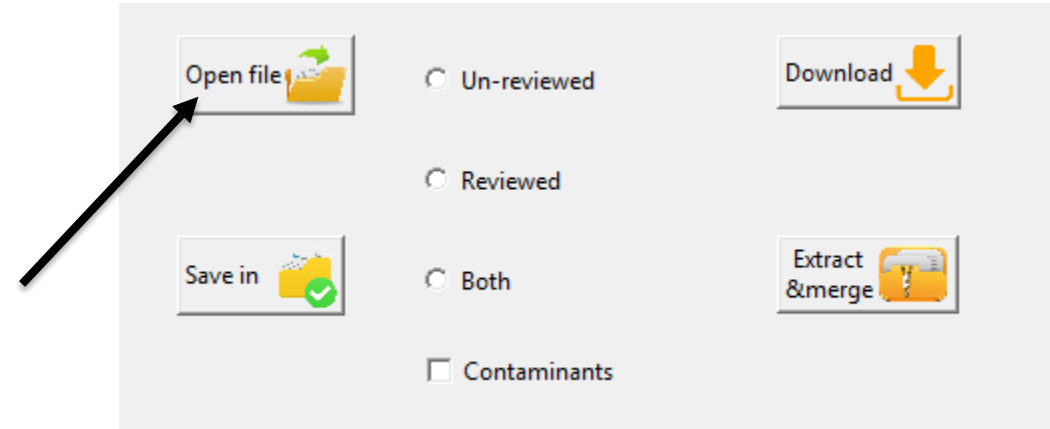
## Installation

- Download **UniDownloader** from here: <https://www.57357.org/proteomics-unit/>
- Extract this file and open it by clicking on “**Uniprot\_downloader.exe**”



First step: Open file.

- In this step, the user has to import a text file containing organisms' names, to be downloaded.



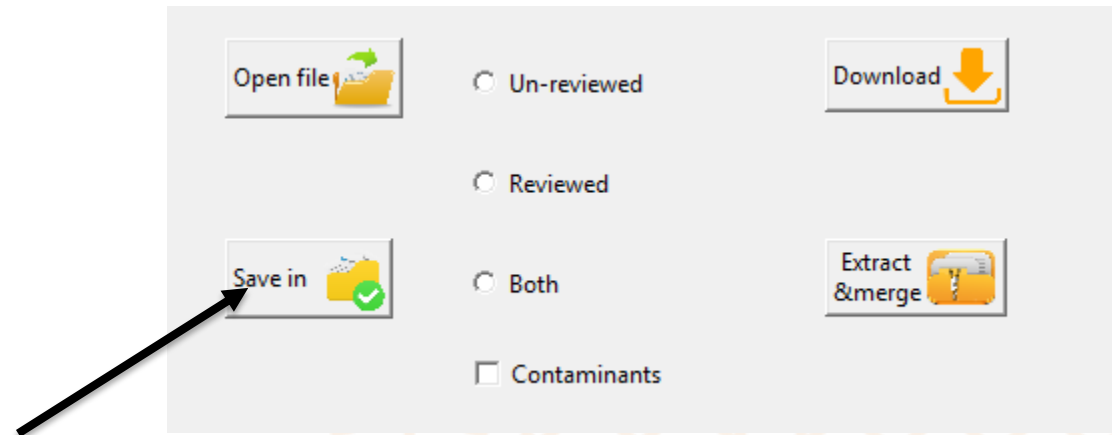
Text file example:

```
File Edit Format View Help
organism x
organism y
organism z
```



## Second Step:

- In this step, the user has to choose where to save the downloaded data.



## Third Step:

- In this step, the user has to choose the type of database to download from (reviewed, not reviewed, or both).
- For more information please take a look at the UniProt database: <https://www.UniProt.org/>
- Note: When the Contaminants box is checked, a database for contaminants will be merged with the user data. To know more about thus contaminants see:

**LINK**

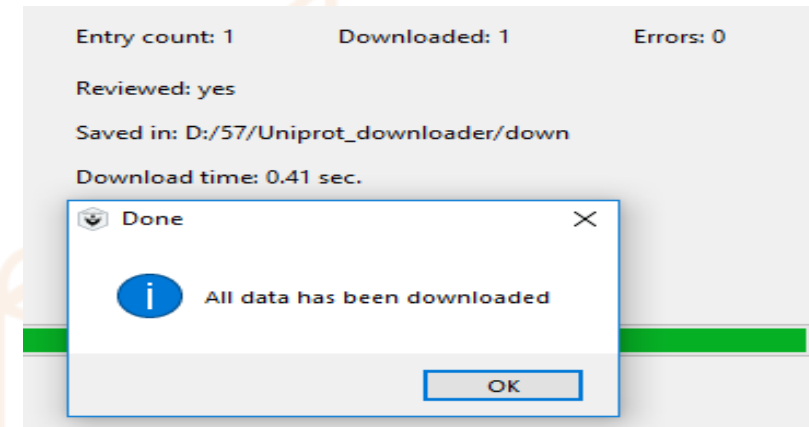


## Fourth Step:

- In this step, just press download and wait until UDr finish.

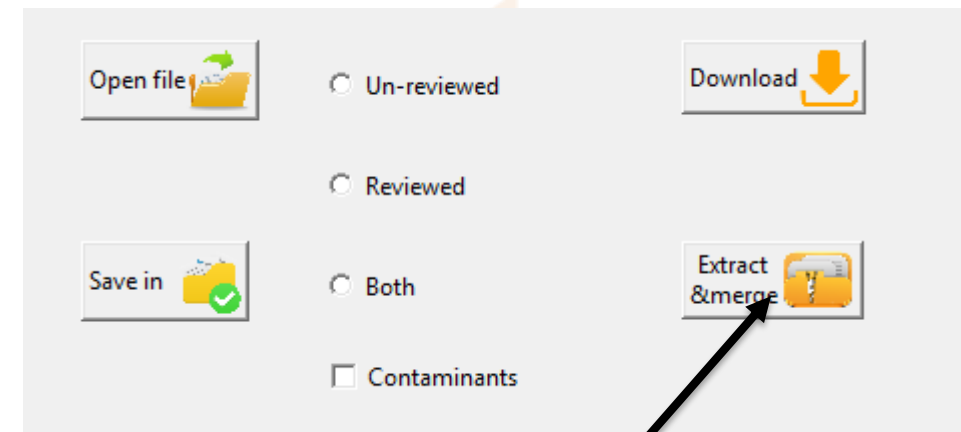


Screenshot for a complete downloaded data using Udr:



## Fifth Step (final step):

- UDr downloads each query for each organism fasta file alone as a compressed file. To extract all files and merge them in one fasta file user can use this option.
- By pressing the "Extract&merge" button, and selecting all files that want to be extracted and merged.





- This is the first Version 1.0.0, Hence any modification or bugs want to be reported please email us on:
- Copyright: Children's Cancer Hospital Egypt 57357.

