

After the server installation is complete, access the address <http://127.0.0.1:8080/MsAlignPlus/>.

The screenshot shows the MsAlignPlus web interface. At the top, there is a browser address bar with the URL `127.0.0.1:8080/MsAlignPlus/`. The page has a header with the logo "TopID" and a "Help" button. Below the header, there are two tabs: "TopID" and "Results". The main content area is divided into two sections: "Search Information" and "Search Arguments".

**Search Information**

Title:

Spectrum File:  No file chosen

Database File:  No file chosen

**Search Arguments**

Fragmentation Method:

Protein N-Terminal Variable PTM: ☒ NME ☒ NME and N-Terminal Acetylation

Parent and Fragment Mass Error Tolerance:  PPM

Cysteine Protecting Group:

Decoy: ☐

Cutoff Type:

Cutoff Value:

Number of Unexpected PTMs:

Max PTM Mass:

In the following text box, enter the title of the task, and it can not be empty.

This block shows a close-up of the "Title" input field in the "Search Information" section. The label "Title:" is followed by a text input box with a red border, indicating it is required.

Select the input spectra file and database file in the file box whose name must be end with .msalign and .fasta:

This block shows a close-up of the file selection buttons for the "Spectrum File" and "Database File" fields. Each field has a "Choose File" button and the text "No file chosen".

Set the arguments for the search in the following area and then click the button to submit,

Search Arguments

Fragmentation Method:

FILE

Protein N-Terminal Variable PTM:

☒ NME

☒ NME and N-Terminal Acetylation

Parent and Fragment Mass Error Tolerance:

15

PPM

Cysteine Protecting Group:

NONE

Decoy:

☐

Cutoff Type:

EVALUE

Cutoff Value:

0.01

Number of Unexpected PTMs:

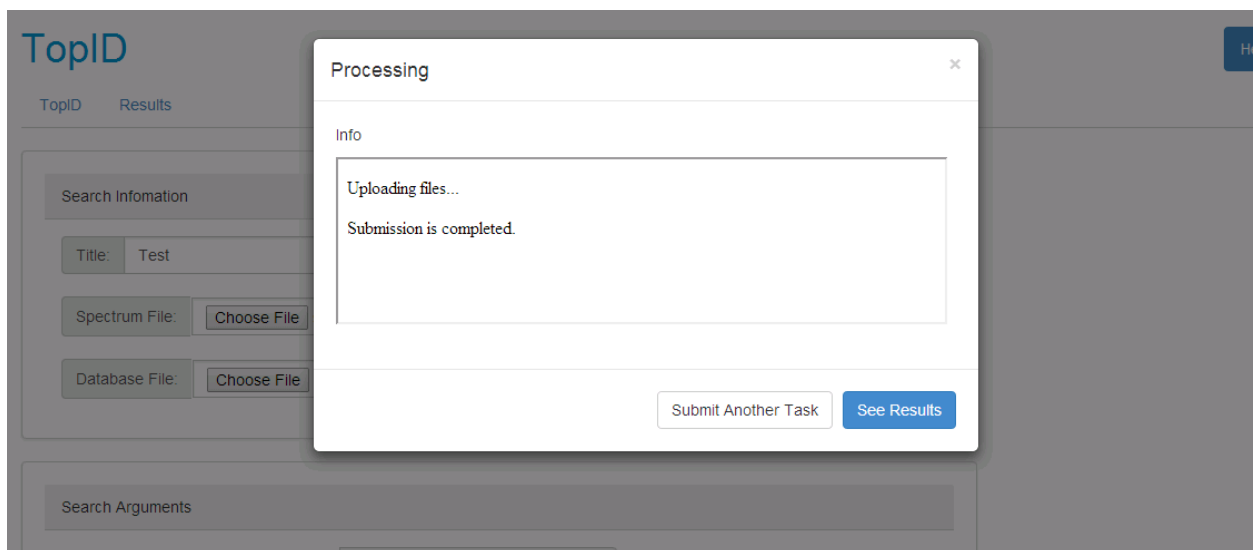
2

Max PTM Mass:

1000000

Submit

Then it will show the window like the following pic if the task is submitted to the task list. Click the button "Submit Another Task" to return and submit another task or click "See Results" to show the task list.



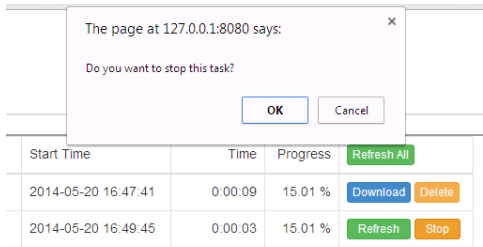
# TopID

TopID

Results

Task Info	Title	Start Time	Time	Progress	Refresh All
TASK14	asdfasd(finished)	2014-05-12 15:24:26	0:04:46	100.00 %	Download Delete
TASK18	TestAll(unexpected stop)	2014-05-12 19:34:36	0:00:00	0.01 %	Download Delete
TASK19	sad(finished)	2014-05-13 16:44:38	0:05:31	100.00 %	Download Delete
TASK22	werwe(error)	2014-05-13 17:01:43	0:13:03	98.00 %	Download Delete
TASK25	sdfasd(finished)	2014-05-13 17:23:29	0:01:28	100.00 %	Download Delete
TASK26	TestAllOnVersion0513(finished)	2014-05-13 17:47:02	9:12:51	100.00 %	Download Delete
TASK30	asdfas3(finished)	2014-05-15 14:40:14	0:00:34	100.00 %	Download Delete
TASK31	test(finished)	2014-05-15 15:43:23	64:25:40	100.00 %	Download Delete
TASK33	sdf(finished)	2014-05-15 16:58:31	94:14:22	100.00 %	Download Delete
TASK34	asdsa(finished)	2014-05-18 14:53:21	24:20:04	100.00 %	Download Delete
TASK50	qwerq(force stop)	2014-05-20 11:45:29	0:00:04	15.01 %	Download Delete
TASK54	Test(finished)	2014-05-20 14:47:35	0:00:33	100.00 %	Download Delete
TASK55	Test(finished)	2014-05-20 14:59:19	0:00:31	100.00 %	Download Delete
TASK56	Test1(running)	2014-05-20 15:15:22	0:00:06	15.01 %	Refresh Stop
TASK57	Test1(waiting)	2014-05-20 15:15:24	0:00:00	0.00 %	Refresh Delete
TASK58	Test1(waiting)	2014-05-20 15:15:25	0:00:00	0.00 %	Refresh Delete
TASK59	Test1(waiting)	2014-05-20 15:15:26	0:00:00	0.00 %	Refresh Delete

The function of these buttons in this page is :

Refresh All	Refresh the hole table of the tasks
Refresh	Refresh the Time and Progress of the task in the same row
Stop	<p>Stop the running task which is in the same row with the button</p> 

Delete

Delete the task in the same row

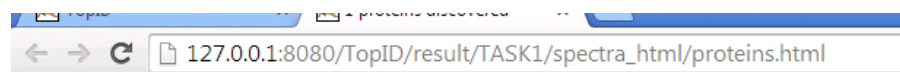
Start Time	Time	Progress	Refresh All	Download	Delete
2014-05-20 16:47:41	0:00:09	15.01 %		Download	Delete
2014-05-20 16:49:45	0:00:39	100.00 %		Download	Delete

Download

Zipping all the task files and generate the download link as the follow pic

TASK1	dfgsd(finished)	2014-05-20 16:49:45	0:00:39	100.00 %	Download	Delete
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If the title of the task ends with (finished) , the link of the title would show the result page



## 1 proteins discovered

[gi16766711|ref|NP\\_462326.1| 50S ribosomal subunit protein L30 \[Salmonella typhimurium LT2\]](#)

There is only [1 PrSM](#) with E-value 0.01.

The titles with other states would forward to the file list in the task folder, and you can click the log .txt file to find what happened

/TASK0

[arguments.xml](#)

[log.txt](#)

[prot.fasta](#)

[spectra.msalign](#)

[spectra.ZERO](#)

[spectra.ZERO\\_COMPLETE](#)

[spectra.ZERO\\_INTERNAL](#)

[spectra.ZERO\\_PREFIX](#)

[spectra.ZERO\\_SUFFIX](#)

[TASK0.zip](#)